



BlueScope
Distribution

Quality steel and aluminium solutions

Product Guide

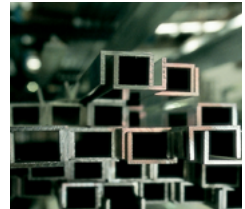
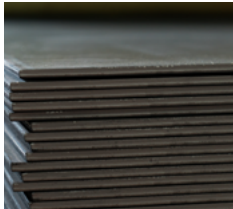
Our commitment to project success



We are BlueScope Distribution, a market leading steel and aluminium distributor and solutions provider. We are part of the broader BlueScope group of businesses, providing quality steel and aluminium products and servicing a wide range of industries in Australia.

Our team is committed to providing a diversified range of products, high quality processing capability and a broad range of services which help support our customers to find the freedom they need to do what they do best.

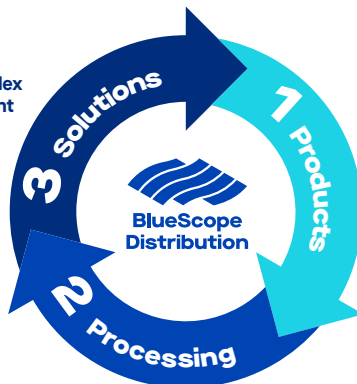
With a national network of branches across metro locations and major regional towns, BlueScope Distribution can help co-ordinate a full suite of product, processing and project management requirements our customers need.



Providing end to end solutions

Experience the ease of doing business with your single source provider - delivering:

Solutions for complex project management requirements



A complete range of steel and aluminium products

Processing capabilities to support your defence project requirements

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Subject to availability. Please enquire with your local branch for more information.

BlueScope Distribution Locations

Queensland

Eagle Farm

92 Holt Street
Eagle Farm QLD 4009
07 3633 8333

Trade Coast

20 Fairbairn Place
Trade Coast QLD 4009
07 3853 9100

Export

920 Nudgee Road
Northgate QLD 4013
07 3622 9222

Gladstone

4 Neil Street
Gladstone QLD 4680
07 4979 6400

Mt Isa

Cnr Davis & Richardson Rd's
Mt Isa QLD 4825
07 4747 2833

Townsville

12 Forge Court
Bohle QLD 4818
07 4755 3939

New South Wales

Granville

13 Ferndell Street
Granville NSW 2142
02 9681 6811

Newcastle

21 Martin Drive
Tomago NSW 2322
02 4974 6408

Albury

20 Fallon Street
Albury NSW 2641
02 6057 1700

Victoria

Clayton South

Gate 1, 16-24 Westall Road
Clayton South VIC 3169
03 8543 3444

Ballarat

843-845 Creswick Rd
Ballarat VIC 3355
03 4333 7800

Portland

24 Portland - Nelson Road
Portland VIC 3305
03 5522 4255

Western Australia

Bibra Lake

6 Wellard Street
Bibra Lake WA 6163
08 9434 1688

Esperance

26 Woods Street
Esperance WA 6450
08 9072 3100

South Australia

Wingfield

69A Wingfield Road
Wingfield SA 5013
08 8260 4555

Tasmania

Hobart

68 Mornington Road
Mornington TAS 7018
03 6211 4330

Launceston

37 Murphy Street
Launceston TAS 7248
03 6324 1250

Your single source product, processing and service solutions provider

1

Products

We are a market leading steel and aluminium distributor and part of the broader BlueScope group of businesses, providing quality steel and aluminium products and servicing a wide range of industry segments.

As part of the BlueScope group of companies, we have access to a full suite of BlueScope products as well as the ability to investigate and produce specially designed steel grades outside our standard product range. As a trusted distributor of steel and aluminium products, we partner with our customers and have the ability to source specialised products to meet their project requirements. Backed by our commitment to quality, we help reduce compliance risk through our ISO 9001 quality management system accreditation.

Our key products include:

Colorbond® Truecore® XlEplate® Aluminium

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Processing

BlueScope Distribution provides a complete range of steel and aluminium processing which enables us to provide ready to use products our customers turn into end user solutions.

We are committed to providing high quality processing capabilities, ranging from steel plasma cutting, bevelling, shearing, slitting and re-coiling to complex and precise aluminium router cutting.

Our key processing services include:



Steel plate plasma cutting, drilling, etching & bevelling



Steel sheet shearing and coil slitting



Aluminium routing and sheet shearing



Aluminium PE film application for surface protection

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Solutions

Highly recognised for our exceptional customer service, we provide customers with end-to-end steel and aluminium project management solutions, delivering personalised supply chain co-ordination. Our teams have the experience to meet project milestones by coordinating material from multiple suppliers, managing production schedules, transport and delivery to provide one seamless point of contact.

Our ability to label and kit material helps some customers to find significant efficiencies in their production, and our team have the technical resources to tackle the most complex project requirements.



B2B Digital system integration for ease of doing business



Consignment solutions



Kitting and product labelling



Product identification for ease of installation (steel & aluminium surface etching)

Sheet & Coil

Colorbond® Truecore®

Galvabond® Galvaspan® Zinalume®

Uses & Properties

Hot Rolled Sheet

The size range listed is typical of the stocks at most outlets. Some outlets may carry coil Hot Rolled that can be sheared to sheet sizes.

Minimum Quantities will apply.

TYPICAL USES

Structural sections, light poles, guard rails & gas cylinders.

MECHANICAL PROPERTIES

Longitudinal tensile.

Yield strength, MPa	250 min
Tensile strength, MPa	350 min

Elong on 80mm, %

≤ 3.0 mm	20 min
> 3.0 mm	24 min

180 degree transverse bend (L axis)

≤ 5.0 mm	1 t
> 5.0 mm	2 t

CHEMICAL PROPERTIES

Guaranteed Maximum %

Carbon (C)	0.20
Silicon (Si)	0.35
Manganese (Mn)	1.20
Phosphorus (P)	0.04
Sulphur (S)	0.03
Aluminium (Al)	0.10
Nitrogen (N)	-
Titanium (Ti)	0.04
Niobium (Nb)	0.01
(Nb) + Vanadium (V)	0.03

Typical %

Carbon (C)	0.09 - 0.17
Silicon (Si)	0.005 - 0.015
Manganese (Mn)	0.5 - 0.75
Phosphorus (P)	0.005 - 0.025
Sulphur (S)	0.005 - 0.015
Aluminium (Al)	0.015 - 0.060
Nitrogen (N)	-
Titanium (Ti)	-
Niobium (Nb)	-
(Nb) + Vanadium (V)	-

BRIGHTFORM® steel Sheet

BRIGHTFORM® steel Sheet - Pickled, skin-passed low carbon steel with a good surface for bending and moderate drawing and pressing. Surface scale will adversely affect die performance. Therefore the use of a Pickled & Oiled sheet for die pressing is recommended. Oiling improves the corrosion resistance of BRIGHTFORM® steel sheet, but the product is best used within three months.

TYPICAL USES

Tubing, shelving, simple pressing, hidden appliance panels.

MECHANICAL PROPERTIES

Guaranteed.

Transverse tensile	
Yield strength, MPa	-
Tensile strength, MPa	-
Elong on 80mm, %	32 min
180 degree transverse bend (L axis)	0 t

ZINCANNEAL® steel Sheet

TYPICAL USES:-

Washing machines, acoustic ceiling tiles, door frames, switchboards, non-exposed automotive panels.

Zincanneal® sheet is a matte hot-dipped Zinc/Zinc-Iron alloy-coated commercial forming steel with a skin-passed smooth surface suitable for direct-on painting.

Some powdering of the coating may occur with severe deformation.

The size range listed is typical of stocks at most outlets.

MECHANICAL PROPERTIES

Elongation on 80mm ($\geq 0.60\text{mm}$) % Minimum 27
180° transverse bend (L axis) Minimum 0t

CHEMICAL PROPERTIES

Carbon (C) Guaranteed Maximum % 0.10
Phosphorus (P) Guaranteed Maximum % 0.03
Manganese (Mn) Guaranteed Maximum % 0.45
Sulphur (S) Guaranteed Maximum % 0.03

TOLERANCES

Widths are mill edge widths.

This material should be used promptly (within 6 months) to avoid the possibility of storage related corrosion.

GALVABOND® steel Sheet

TYPICAL USES:

Air-conditioning ducts, Meter Boxes, Trailers, Cable Trays, Scaffold Planks, Feeder Troughs, Tubes & Pipes.

GALVANBOND® steel G2 sheet steel is a hot dipped zinc-coated, commercial forming steel with a spangled surface, suitable for general manufacturing.

The product is suitable for moderate drawing applications and is suitable for lock seaming up to 1.6mm thick.

The size range listed is typical of the stocks at most outlets.

MECHANICAL PROPERTIES

Elongation on 80mm ($\geq 0.60\text{mm}$) % Minimum 27
180° transverse bend (L axis) Minimum 0t
Pittsburgh lock seam ($\leq 1.6\text{mm}$) Minimum Pass

CHEMICAL PROPERTIES

Carbon (C) Guaranteed Maximum % 0.10
Phosphorus (P) Guaranteed Maximum % 0.025
Manganese (Mn) Guaranteed Maximum % 0.45
Sulphur (S) Guaranteed Maximum % 0.03

TOLERANCES

Widths are mill edge widths.

Material should be used promptly (within 6 months) to avoid a storage related phenomena of galvanized coatings termed intergranular corrosion.

Typical lock seam finish.



Sheet sizes

Sheet sizes					
Material	Grade	Coating	Coating Factor	Thickness (mm)	Width (mm)
Cold Rolled	CA2SE, CA3			0.75-3.00	900-1550
Hot Rolled	HA1S			1.50-3.00	900-1500
Hot Rolled	Brightform			1.60-3.00	910-1510
Hot Rolled	HA3 PO			3.00-6.00	1210
Galvabond	G2	Z275	0.29	0.40-2.90	915-1500
Zincanneal	G2S	ZF100	0.13	0.55-1.9	915-1220
Zincalume	G300	AM125	0.17	0.40-1.2	900-1200
Signwhite	G300	AM100	0.23	From 0.55	900-1200
Colorbond	G300	AM100	0.23	From 0.55	From 1200

NOTE

Standard widths and lengths vary by state.

Lengths can be provided as per customer requirements.

Recoil options available.

Please enquire with your local branch for more information.

Pre-Painted Coil

Pre-Painted Coil							
Product	Description	Steel Range Type	Typical Uses	Australian Standards	Thickness Range mm	Width Range mm	Notes
COLORBOND® steel	Designed by BlueScope to provide a highly durable steel for premier cladding and roofing applications	ZINCALUME® G550S AM100 steel with Activate® technology ZINCALUME® G300S AM100 steel with Activate® technology	Roofing Wall cladding Rain water goods	Substrate AS 1397 Paint Coating AS/NZS 2728 Type 4	0.3 to 1.2	Up to 1350	CORSTRIP® protective film may be available on request

Continued on next page...

Colorbond® Zincalume® Galvabond®

Pre-Painted Coil

Product	Description	Steel Range Type	Typical Uses	Australian Standards	Thickness Range mm	Width Range mm	Notes
COLORBOND® steel Matt	Designed by BlueScope to provide a high durability, premier cladding and roofing material for general use.	ZINCALUME® G550S AM100 steel with Activate® technology ZINCALUME® G300S AM100 steel with Activate® technology	Roofing Wall cladding Rain water goods	Substrate AS 1397 Paint Coating/AS/NZS 2728 Type 4			CORSTRIP® protective film may be available on request
COLORBOND® Metallic steel	Designed by BlueScope to provide an aesthetically distinctive "metallic" effect.	ZINCALUME® G550S AM100 steel with Activate® technology ZINCALUME® G300S AM100 steel with Activate® technology	Exterior applications such as prestigious architectural projects	Substrate AS 1397 Paint Coating/AS/NZS 2728 Type 3	0.42 to 1.2	Up to 1300	CORSTRIP® protective film may be available on request
COLORBOND® Coolmax® steel	Designed by BlueScope to provide the highest solar reflectance pre-painted steel roofing to achieve the best benefit from cost effective and durable thermal performance.	ZINCALUME® G550S AM100 steel with Activate® technology ZINCALUME® G300S AM100 steel with Activate® technology	Commercial and industrial roofing	Substrate AS 1397 Paint Coating/AS/NZS 2728 Type 4	0.42 & 0.48 0.55	940 1200	CORSTRIP® protective film may be available on request
COLORBOND® Ultra steel	Designed by BlueScope to combine long term durability and exceptional corrosion resistance.	ZINCALUME® G550S AM150 steel with Activate® technology ZINCALUME® G300S AM150 steel with Activate® technology	Exterior building profiles in applications requiring excellent corrosion resistance and long term durability. Suited to moderate to severe marine and industrial environments.	Substrate AS 1397 Paint Coating/AS/NZS 2728 Type 4	0.4 to 1	Up to 1345	CORSTRIP® protective film may be available on request



Pre-Painted Coil

Product	Description	Steel Range Type	Typical Uses	Australian Standards	Thickness Range mm	Width Range mm	Notes
COLORBOND® XGD steel	Designed by BlueScope to provide good formability and outdoor performance for the garage and roller door industry.	ZINCALUME® G2NS AM100 steel with Activate® technology ZINCALUME® G300S AM100 steel with Activate® technology	Garage and roller doors	Substrate AS 1397 Paint Coating AS/NZS 2728 Type 3	0.4 to 1	Up to 1240	CORSTRIP® protective film may be available on request
AQUAPLATE® steel	Laminated galvanised steel product with exceptional durability, designed to meet the stringent quality requirements for the storage of drinking water	ZINCFORM® G300S Z275 steel (painted or double sided laminate) ZINCFORM® G300S Z450 steel (galseal)	Water storage tanks	Substrate AS 1397 Food grade polymer film AS/NZS 4020	0.6 to 1	Up to 1200	
SWP Sign Writing Panel Pre-Painted Steel	Designed by BlueScope, a durable mar resistant, high gloss product with superior overpaintability for the signwriting industry	ZINCALUME® G300S AM100 steel with Activate® technology	Signs	Substrate - AS 1397 Paint Coating - AS/NZS 2728 Type 3	0.5 to 1.2	Up to 1210	

All items as listed are a guide only and are subject to change without prior notice. For material selection advice, or to determine if warranties apply, contact your local BlueScope sales office or visit the BlueScope website.

BlueScope manufactured pre-painted steel products subject to mill enquiry include COLORBOND® Insulated Panel steel, COLORBOND® Permagard® Insulated steel, COLORBOND® Stainless steel, COLORBOND® XFP steel, DRUMSTOCK® Pre-Painted steel, XHW Exterior Hot Water Pre-Painted steel, XMA Exterior Manufactured Articles Pre-Painted steel, GMA General Manufactured Articles Pre-Painted steel, IFS Interior Furniture and Shelving Pre-Painted steel, SGA Superior Gloss Articles Pre-Painted steel and POM Primer Only Material steel.

To discuss please contact your local BlueScope Sheet Metal Supplies sales office on 1800 010 247 or visit the website www.sheetmetalsupplies.com.au.

The colours of Australia since 1966.

To help you find the perfect colour, COLORBOND® steel's inspiring colours are presented in five groups - Contemporary, Classic, Fencing, Ultra and the new Matt finish. All the colours have been inspired by the colours of Australia.

To discuss colour options, or obtain brochures or swatches, please contact your local BlueScope Sheet Metal Supplies sales office on 1800 010 247.



Colorbond®

Metallic Coated Coil

Metallic Coated Coil							
Product	Description	Steel Range Type	Typical Uses	Australian Standards	Thickness Range mm	Width Range mm	Notes
GALVABOND® G2 steel GALVABOND® G2S steel	A hot-dipped zinc coated commercial forming steel with a spangled surface, suitable for general manufacturing.	BlueScope metallic coated (formable grade)	Tube, air-conditioning ducts & panels, meter boxes, trailers, scaffolding planks	AS/NZS 1365:1996 AS 1397:2001	≥0.3 to ≤3.2	Up to 1525	Surface finish spangled. Optional: minimal spangle passivated; unpassivated/oiled. (Optional conditions may be subject to dimensional restrictions).
GALVASPAN® G450 steel	A hot-dipped zinc coated structural steel with a spangled surface and guaranteed minimum yield strength of 450 Mpa. Suitable for roll forming to a minimum internal diameter of 4 tonne.	BlueScope metallic coated (structural grade)	Roll formed sections for structural applications	AS/NZS 1365:1996 AS 1397:2001	≥1.5 to ≤3.2	Up to 1350	Surface finish spangled passivated
GALVASPAN® G500 steel	A hot-dipped zinc coated structural steel with a spangled surface and guaranteed minimum yield strength of 500 Mpa. Suitable for roll forming to a minimum internal diameter of 4 tonne.	BlueScope metallic coated (structural grade)	Roll formed sections for structural applications	AS/NZS 1365:1996 AS 1397:2001	≥1 to ≤1.5	Up to 1350	Surface finish spangled passivated
ZINC HI-TEN® G450 steel ZINC HI-TEN® G450S steel	A hot-dipped zinc coated structural steel with a spangled surface and guaranteed minimum yield strength of 450 Mpa. ZINC HI-TEN® G450S steel is skin passed to improve surface quality. The skin passed product is only available up to 2mm thick	BlueScope metallic coated (structural grade)	Purlins, structural decking, scaffolding	AS/NZS 1365:1996 AS 1397:2001	≥1.5 to ≤3.2	Up to 1350	Surface finish spangled passivated. Optional: minimal spangle. (Optional conditions may be subject to dimensional restrictions)

Galvabond® Galvaspan®

Metallic Coated Coil

Product	Description	Steel Range Type	Typical Uses	Australian Standards	Thickness Range mm	Width Range mm	Notes
ZINC HI-TEN® G500 steel ZINC HI-TEN® G500S steel	A hot-dipped zinc coated structural steel with a spangled surface and guaranteed minimum yield strength of 500 Mpa. Suitable for roll forming to a 4t minimum internal diameter. ZINC HI-TEN® G500S steel is skin passed to improve surface quality	BlueScope metallic coated (structural grade)	Structural sections, house framing	AS/NZS 1365:1996 AS 1397:2001	>1.01 to <1.49	Up to 1350	Surface finish spangled passivated. Optional: minimal spangle. (Optional conditions may be subject to dimensional restrictions)
ZINC HI-TEN® G550 steel ZINC HI-TEN® G550S steel	A hot-dipped zinc coated structural steel with a spangled surface and guaranteed minimum yield strength of 550 Mpa. Suitable for roll forming to a 4t minimum internal diameter under appropriate conditions. ZINC HI-TEN® G550S steel is skin passed to improve surface quality	BlueScope metallic coated (structural grade)	Roll formed decking and walling, fencing posts and rails	AS/NZS 1365:1996 AS 1397:2001	≥0.3 to ≤1	Up to 1220	Surface finish spangled
TRUECORE® G500 steel with Activate(r) technology	Manufactured using blue tinted resin and metal coated steel. It is specifically designed for the residential house framing market.	BlueScope metallic coated (structural grade)	Residential house framing where the product is not visible	AS/NZS 1365:1996 AS 1397:2011	1.15 to 1.2	Up to 1200	Surface finish spangled passivated / resin coated
TRUECORE® G550 steel with Activate® technology	Manufactured using blue tinted resin and metal coated steel. It is specifically designed for the residential house framing market.	BlueScope metallic coated (structural grade)	Residential house framing where the product is not visible	"AS/NZS 1365:1996 AS 1397:2011"	0.42 to 1	Up to 1200	Surface finish spangled passivated / resin coated

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Metallic Coated Coil

Product	Description	Steel Range Type	Typical Uses	Australian Standards	Thickness Range mm	Width Range mm	Notes
"ZINCALUME® G300 steel ZINCALUME® G300S steel"	G300 steel is a hot-dipped zinc/aluminium alloy-coated structural steel with a regular spangled surface and guaranteed minimum yield strength of 300 Mpa. Suitable for roll forming to an internal diameter of 1 tonne.	BlueScope metallic coated (structural grade)	"G300 - house framing, rainwater goods, garden sheds, G300S - rainwater goods, garage doors, signage"	"AS/NZS 1365:1996 AS 1397:2011"	≥0.3 to ≤1.2	Up to 1250	Surface finish spangled passivated / resin coated
"ZINCFORM® G250 steel ZINCFORM® G250S steel"	A hot-dipped zinc coated structural steel with a spangled surface and guaranteed minimum yield strength of 250Mpa, with good ductility. Suitable for severe roll forming	BlueScope metallic coated (structural grade)	Roll formed structural sections	"AS/NZS 1365:1996 AS 1397:2001"	>0.8 to 3.2	Up to 1485	Surface finish spangled passivated. Optional: minimal spangle (optional conditions may be subject to dimensional restrictions).
"ZINCFORM® G300 steel ZINCFORM® G300S steel"	A hot-dipped zinc coated structural steel with a spangled surface and guaranteed minimum yield strength of 300Mpa, with good ductility. Suitable for roll forming to an internal diameter of 1t minimum. G300S steel is a skin passed steel for improved surface quality. Only available up to 1.6mm thick.	BlueScope metallic coated (structural grade)	Roll formed structural sections	"AS/NZS 1365:1996 AS 1397:2001"	≥0.3 to ≤2.9	Up to 1525	Surface finish spangled passivated. Optional: minimal spangle (optional conditions may be subject to dimensional restrictions).
ZINCFORM® G350 steel	A hot-dipped zinc coated structural steel with a spangled surface and guaranteed minimum yield strength of 350Mpa, with good ductility. Suitable for roll forming to a minimum internal diameter of 2t.	BlueScope metallic coated (structural grade)	Roll formed structural sections	"AS/NZS 1365:1996 AS 1397:2001"	≥0.4 to ≤1	Up to 1220	Surface finish spangled passivated. Optional: minimal spangle (optional conditions may be subject to dimensional restrictions).

Zincalume®

Metallic Coated Coil							
Product	Description	Steel Range Type	Typical Uses	Australian Standards	Thickness Range mm	Width Range mm	Notes
ZINCANNEAL® G2S steel	A matt hot-dipped zinc/iron alloy-coated commercial forming steel with a skin passed smooth surfaces suitable for direct-on painting. Some powdering of the coating may occur with severe deformation.	BlueScope metallic coated (formable grade)	Non-exposed painted panels, non-exposed automotive panels, washing machines	"AS/NZS 1365:1996 AS 1397:2001"	0.5 to ≤2	Up to 1210	Surface finish smooth matt phosphated. Optional: unphosphated/oiled. (Optional conditions may be subject to dimensional restrictions)
ZINCANNEAL® G3NS steel	A matt hot-dipped zinc/iron alloy-coated drawing steel guaranteed non ageing and free from stretcher strain. Some powdering of the coating may occur with severe deformation.	BlueScope metallic coated (formable grade)	Non-exposed painted panels, washing machines, acoustic ceiling tiles	"AS/NZS 1365:1996 AS 1397:2001"	0.6 to 1.6	Up to 1200	Surface finish smooth matt phosphated. Optional: unphosphated/oiled. (Optional conditions may be subject to dimensional restrictions)

All items as listed are a guide only and are subject to change without prior notice. For material selection advice, or to determine if warranties apply, contact your local BlueScope sales office or visit the BlueScope website.

BlueScope manufactured metallic coated steel products subject to mill enquiry include GALVABOND® G3N steel, GALVABOND® G3NS steel, ZINCALUME® G2N steel, ZINCALUME® G2NS steel, ZINCALUME® G250 steel, ZINCALUME® G250S steel, ZINCALUME® G2450 steel, ZINCALUME® G500 steel, ZINCALUME® G500S steel, ZINCALUME® G550 steel, ZINCALUME® G550S steel, TRUECORE® G450 steel and DECKFORM® G550 steel.

To discuss please contact your local BlueScope Sheet Metal Supplies sales office on 1800 010 247 or visit the website www.sheetmetalsupplies.com.au.

Cold Rolled Coil

Cold Rolled Coil							
Product	Description	Steel Range Type	Typical Uses	Australian Standards	Thickness Range mm	Width Range mm	Finish
CA2S-E steel	Skin passed commercial drawing steel for moderate forming and pressing with a surface suitable for exposed applications.	BlueScope cold rolled (formable grade)	Office furniture and shelving	AS/NZS 1595	0.5 to 3.2	Up to 1530	Surface finish matt oiled. Optional: lustre, not oiled trimmed edge; mill edge. (Optional conditions may be subject to dimensional restrictions).
CA3SN-G steel	Skin passed deep drawing steel guaranteed non ageing and free from stretcher strain with a general purpose surface.	BlueScope cold rolled (formable grade)	Non-exposed drawn parts for automotive and appliance end uses	AS/NZS 1595	0.6 to 3.2	Up to 1530	Surface finish matt oiled. Optional: not oiled trimmed edge; mill edge. (Optional conditions may be subject to dimensional restrictions).

All items as listed are a guide only and are subject to change without prior notice.

For material selection advice, or to determine if warranties apply, contact your local BlueScope sales office or visit the BlueScope website.

BlueScope manufactured cold rolled steel products subject to mill enquiry include CA1010H-E steel, CA180S-G steel, CA220S-G steel, CA260S-G steel, CA4A-G steel, CA5SN-E steel, CA85T-G steel, DRUMSTOCK® steel, CA250T-G steel, CM350-G steel, CU200T-G steel, CA2S1 steel and CV4S2 steel.

To discuss please contact your local BlueScope Sheet Metal Supplies sales office on 1800 010 247 or visit the website www.sheetmetalsupplies.com.au.

Hot Rolled Coil

Hot Rolled Coil							
Product	Description	Steel Range Type	Typical Uses	Australian Standards	Thickness Range mm	Width Range mm	Finish
HA250 steel	Structural steel with a minimum yield strength of 250 MPa with good ductility	BlueScope Hot Rolled (structural grade)	Structural sections, light poles, guard rails and gas cylinders	AS/NZS 1594/2002 AS/NZS 1365/1996	1.6 to 12.7	Up to 1800	As rolled. Optional pickled and oiled (conditions may be subject to dimensional restrictions).

Hot Rolled Coil

Product	Description	Steel Range Type	Typical Uses	Australian Standards	Thickness Range mm	Width Range mm	Finish
HA300 steel	Structural steel with a minimum yield strength of 300 MPa with good ductility	BlueScope Hot Rolled (structural grade)	Structural sections, light poles, guard rails and automotive components	AS/NZS 1594/2002 AS/NZS 1365/1996	1.6 to 12.7	Up to 1800	As rolled. Optional pickled and oiled (conditions may be subject to dimensional restrictions).
HA350 steel	Structural steel with a minimum yield strength of 350 MPa with good ductility	BlueScope Hot Rolled (structural grade)	Structural sections, racking, truck chassis and gas cylinders	AS/NZS 1594/2002 AS/NZS 1365/1996	1.6 to 6	Up to 1700	As rolled. Optional pickled and oiled (conditions may be subject to dimensional restrictions).
HA1 steel	Formable, commercial forming steel suitable for simple forming and bending operations	BlueScope Hot Rolled (formable grade)	Shelving, light structural members, tanks, guard rails and furniture	AS/NZS 1594/2002 AS/NZS 1365/1996	1.5 to 12.7	Up to 1550	As rolled. Optional pickled and oiled (conditions may be subject to dimensional restrictions).
BRIGHTFORM® steel	Formable, commercial forming steel suitable for simple forming and bending operations	BlueScope Hot Rolled (formable grade)	Tubing, shelving, simple pressings, hidden appliance panels and distributor stock	AS/NZS 1594/2002 AS/NZS 1365/1996	1.6 to 3	Up to 1510	Pickled and oil
HA3 steel	Formable steel suitable when pickled for medium drawing and heavy pressing operations. Available skin passed for minimum coilbreak and improved flatness.	BlueScope Hot Rolled (formable grade)	Agricultural machinery, automotive components, sealed unit housings, mower parts, brackets and furniture	AS/NZS 1594/2002 AS/NZS 1365/1996	1.55 to 8	Up to 1550	As rolled. Optional pickled and oiled (conditions may be subject to dimensional restrictions).

All items as listed are a guide only and are subject to change without prior notice. For material selection advice, or to determine if warranties apply, contact your local BlueScope sales office or visit the BlueScope website.

BlueScope manufactured hot rolled steel products subject to mill enquiry include HA200 steel, HA300/1 steel, XTRAFORM® 300 steel, XTRAFORM® 400 steel, XTRAFORM® 500 steel, HA4N-P steel, HA1006 steel, HA1010 steel, XK15B28 steel and HA70T-P steel.

To discuss please contact your local BlueScope Sheet Metal Supplies sales office on 1800 010 247 or visit the website www.sheetmetalsupplies.com.au.

Plate



Xlerplate® TruSpec®

XLERPLATE® steel

Xlerplate AS/NZS 3678 - Grade 250			
Thickness (mm)	Mass - KG/M2	Widths(mm)	Lengths (mm)*
5 - dual grade 250/350	39.25	2400	6000 9000
		3000	9000
6	47.1	2400	6000 9000
		3000	9000
		3200	12,000
8	62.8	1800	6000
		2400	6000 9000
		3000	9000
10	78.5	3200	12,000
		1800	6000
		2400	6000 9000
12	94.2	3000	9000
		3200	12,000
		1800	6000
16	125.6	2400	6000 9000
		3000	9000
		3200	12,000
20	157	1800	6000
		2400	6000 9000
		3000	9000
25	196.25	3200	12,000
		1800	6000
		2400	6000 9000
28	219.8	3000	9000
		2400	6000 9000
32	251.2	1800	6000
		2400	6000 9000
		3000	9000

Xlerplate®

Xlerplate AS/NZS 3678 - Grade 250			
Thickness (mm)	Mass - KG/M2	Widths(mm)	Lengths (mm)*
36	282.6	2400	6000 9000
40	314	1800	6000
		2400	6000 9000
45	353.25	2400	6000 9000
50	392.5	2400	6000 9000
60	471	2400	6000
70	549.5	2400	6000
80	628	2400	5200
90	706.5	2400	6000
100	785	2400	4000

This is a guide only of stocked sizes, please confirm with your local branch.

Custom width and length available subject to sizing schedule (mill enquiry), MOQ of approx. 10tn.

Weight = Mass KG/M2 x Width (m) x Length (m).

Request for Test Certificates must be placed with original order.

Xlerplate AS/NZS 3678 - Grade 350			
Thickness (mm)	Mass - KG/M2	Widths(mm)	Lengths(mm)*
5 - dual grade 250/350	39.25	2400	6000 9000
		3000	9000
6	47.1	2400	6000 9000
8	62.8	2400	9600
10	78.5	2400	9600
12	94.2	2400	9600
16	125.6	2400	9600
20	157	2400	9600
		3100	
25	196.25	2400	9600
32	251.2	2400	9600
40	314	2400	7600
50	392.5	2400	7600
60	471	2400	7600
70	549.5	2400	6000
80	628	2400	5500
90	706.5	2400	3150
			6300
100	785	2400	3250
			6500

Xlerplate[®]

This is a guide only of stocked sizes, please confirm with your local branch.

Custom width and length available subject to sizing schedule (mill enquiry), MOQ of approx. 10tn.

Weight = Mass KG/M2 x Width (m) x Length (m).

Request for Test Certificates must be placed with original order.

XLERPLATE® Lasercut steel AS/NZ 3678 - Grade 250			
Thickness (mm)	Mass - KG/M2	Widths(mm)	Lengths(mm)*
16		1500	3000 6000
20	157	1200	2400
		1500	3000
25	196.25	1200	2400
		1500	3000

This is a guide only of stocked sizes, please confirm with your local branch.

Custom width and length available subject to MOQ's.

Weight = Mass KG/M2 x Width (m) x Length (m).

TRUSPEC® steel

TRU-SPEC® COIL PLATE STEEL AS/NZS 1594 - Grade 250 and 350			
Thickness (mm)	Mass - KG/M2	Widths(mm)	Lengths(mm)*
3	23.55	1200 1500	1800
			2400
			3000 6000
4	31.4	1200 1500	2400
			3000
			6000
5	39.25	1200 1500	2400
			3000
			6000
6	47.1	1200 1500	2400
			3000
			6000
8	62.8	1200 1500	2400
			3000
			6000
10	78.5	1200 1500	2400
			3000
			6000
12	94.2	1200 1500	2400
			3000
			6000
16	125.6	1200 1500	2400
			3000
			6000

This is a guide only of stocked sizes, please confirm with your local branch.

Custom width and length available subject to MOQ's.

Weight = Mass KG/M2 x Width (m) x Length (m).

XLerplate® TruSpec®

Coil Plate

Coil Plate AS/NZS 1594 - Grade 250/300			
Thickness (mm)	Mass - KG/M2	Widths(mm)	Lengths(mm)*
3	23.55	1800	1800
			2400
3000			
3600			
4	31.4		6000
5	39.25		2400
			3000
6000			
6	47.1		2400
3000			
8	62.8	2400	
		3000	

This is an guide only of stocked sizes, please confirm with your local branch.

Custom length available subject to MOQ's.

Weight = Mass KG/M2 x Width (m) x Length (m).

Quenched & Tempered Plates

Quenched & Tempered Plates					
Plate Thickness mm	Mass kg/m2	Bisalloy® 80 Typical tensile strength - 830MPa	Bisalloy® 400 Typical tensile strength - 1320MPa	Bisalloy® 450 Typical tensile strength - 1400MPa	Bisalloy® 500 Typical tensile strength - 1640MPa
5	39.25	1525 x 8000	1525 x 8000	2500 x 9600	-
5	39.25	-	2485 x 8000		-
6	47.1	1525 x 8000	-	2485 x 8000	-
6	47.1	2485 x 8000	2485 x 8000	2500 x 9600	-
8	62.8	2485 x 8000	2485 x 8000	2485 x 8000	-
10	78.5	2485 x 8000	2485 x 8000	2485 x 8000	-
10	78.5	3100 x 8000	3100 x 8000	3100 x 8000	-
12	94.2	2485 x 8000	2485 x 8000	2485 x 8000	2485 x 8000
12	94.2	-	-	3100 x 8000	
16	125.6	2485 x 8000	2485 / 3100 x 8000	2485 x 8000	2485 x 8000
16	125.6	-	-	3100 x 8000	
20	157	2485 x 8000	2485 / 3100 x 8000	2485 x 8000	2485 x 8000

Quenched & Tempered Plates					
Plate Thickness mm	Mass kg/m ²	Bisalloy® 80 Typical tensile strength - 830MPa	Bisalloy® 400 Typical tensile strength - 1320MPa	Bisalloy® 450 Typical tensile strength - 1400MPa	Bisalloy® 500 Typical tensile strength - 1640MPa
20	157	-	-	3100 x 8000	
25	196.25	2485 x 8000	2485 x 8000	2485 x 8000	2485 x 8000
25	196.25	-	-	3100 x 8000	
32	251.2	2485 x 8000	2485 x 8000	2485 x 8000	2485 x 8000
40	314	2485 x 8000	2485 x 8000	2485 x 8000	2485 x 8000
50	392.5	2485 x 8000	2485 x 8000	2485 x 8000	-
60	471	2485 x 8000	2485 x 8000	2485 x 8000	-

Other options available. Please enquire with your local branch.

TRUSPEC® steel Floorplate

Coil Plate AS/NZS 1594 - Grade 250/300			
Thickness (mm)	Mass - KG/M2	Widths(mm)	Lengths(mm)*
2.1	18.49	1200	1500
			1800
			1830
			2100
			2400
			2440
3	25.55	1200	3000
			1800
			2400
			2440
			3000
5	41.25	1200	6000
			2400
		1500	2440
			3000
6	49.1	1200	6000
			2400
		1500	3000
			6000
8	64.8	1500	6000

This is a guide only of stocked sizes, please confirm with your local branch.

2.1mm floorplate stocked as 1200,1210,1220 wide. Please confirm with your local branch.

Custom length available subject to MOQ's.

Weight = Mass KG/M2 x Width (m) x Length (m).

TruSpec®

Pressure Vessel Plates

Boiler Plate - SA/AS PT430T						
Thickness mm	Mass/m2 kg/m2	Kilograms per Linear metre of Plate Width			Plate lengths available	
		2400	3000	3100	2400	3100
5	39.25	94.20	n/a	n/a	9.0m	n/a

Boiler Plate - SA/AS PT460NR						
Thickness mm	Mass/m2 kg/m2	Kilograms per Linear metre of Plate Width			Plate lengths available	
		2400	3000	3100	2400	3100
6	47.10	n/a	n/a	n/a	n/a	9.6m
8	62.80	n/a	n/a	194.68	n/a	9.6m
10	78.50	n/a	n/a	243.35	n/a	9.6m
12	94.20	n/a	n/a	292.02	n/a	9.6m
16	125.60	n/a	n/a	389.36	n/a	9.6m
20	157.00	n/a	n/a	486.70	n/a	9.6m
25	196.25	n/a	n/a	608.38	n/a	9.6m
32	251.20	n/a	n/a	778.72	n/a	9.6m
40	314.00	753.60	n/a	n/a	9.6m	n/a
50	392.50	942.00	n/a	n/a	9.6m	n/a
60	471.00	1130.40	n/a	n/a	6.0m	n/a
70	549.50	1318.80	n/a	n/a	6.0m	n/a
80	628.00	1507.20	n/a	n/a	5.2m	n/a
90	706.50	1695.60	n/a	n/a	5.2m	n/a
100	785.00	1884.00	n/a	n/a	5.2m	n/a

To calculate the weight of plate, multiply the plate thickness by 7.850 = kg/m²

Armour Plates

Armour Plate			
Plate Thickness mm	Mass kg/m2	This plate is sometimes known as K700.Manganese Wear Resistant Steel. The SAP lookup code is ARM.	
6	39.25	1000 x 2000	Other thicknesses may be available from overseas on request.

Structural Steel Plates

International Standard Comparisons

Structural Plate - International Standards				
Australian AS 3678	European* EN10025	Japanese JIS	American ASTM	Tensile Strength MPa
				290
				300
			A283A	310
		G3101-SS330		330
	S235JR		A283B	360
			A283C	380
		G3101-SS400 G316-SM400 A, B, C	A36, A573-400	400
250 250L15	S275JR S275JO S275J2G3 S275J2G4	St44-2 St44-3	A283D A284C, D A529 A572-290	410
300 300L15	Fe430B, C,D1, D2		A633A	430
350 350L15			A573-450 A572-345	450
400, 400L15			A573-485	480
	S355JR S355JD S355J2G3	G3101-SS490 G3106-SM490 A, B, C G3106-SM490 YA, YB		490
450 450L15		G3106-SM520 B, C	A572-415	520
		G3101-SS540		540

1. This table indicates the approximate relationship between Australian grades and their International counterparts.

2. Grades are shown in their increasing tensile strength order. In the case of American ASTM Standards some grades are shown in increasing yield strength (YS) order, as their position in the hierarchy is different when based on the yield strength compared to tensile strength (TS).

*En10025 has replaced BS4360 & DIN17100 Standards.

3. For grades with suffix letters C, D on British, European and International Standards, B, C, on

Japanese Standards and suffix numbers 2 and 3 on German Standards, the appropriate Australian alternative is the nearest L15 grade of the equivalent strength level (i.e. High or Medium).

4. Grades readily available are highlighted in dark grey.

5. The grade/s within the same highlighted band show generally acceptable alternatives, provided relevant design factors are considered.

6. This graph is designed for customers to determine the nearest available Australian grade to an international specification.

Please enquire with branch for more information

Boiler Plate

International Standard Comparisons

Boiler Plate - International Standards							
Tensile Strength MPa	Australian AS 3678	European* EN10025	British* BS 4360	German* DIN17100	Japanese JIS	American ASTM	International ISO 630
310						A285-A	
340						A285-B	
360		2-P235GH	151-360 161-360 164-360	H1			P235
380						A285-C A442-55 A515-55 A516-55	
390		3-P275N#					
400			151-400 161-400 164-400 224-400	H11	G3103-SB410 G3115-SPV235 G3118-SGV410 G3126-SLA235	A682-A	P265
410		2P265GH			G3118-SGV410		P265
415						A515-65 A518-60#	
430	7-430						
440					G3126-SLA325		
450					G3118-SB450 G3118-SGC450	A515-65 A516-65	
460	7-460	2-P295GH#				A662-B*	P290
480					G3103-SB480 G3118-SGV480		
490	7-490		224-490	19Mn6	G3115-SPV315	A515-70 A516-70# A662-C	P315
490	5-490	3-P355GH#			G3126-SLA360	A537-C11 A737-B A841	P315
510		2-P355GH#					P355
520					G3115-SPV355	A299 A455 A738-A	

1. This table indicates the approximate relationship between Australian grades and their International counterparts
2. Grades are shown in their increasing tensile strength order. AS1548-5-490 & equivalent grades have a higher minimum yield strength requirement than the corresponding AS1548-7-490 & equivalent grades.
3. Grade equivalence shown is based on room temperature tensile properties only.
4. Grades readily available are highlighted in black.
5. It may be possible to substitute readily available grades for international grades outside the designated band shown, provided relevant design factors are considered.
6. # These overseas grades may be available subject to enquiry.

Aluminium



Grades & Uses

Alloy 6063 & 6060

This alloy is commonly used for the production of flats, angles, channels, hollows both circular and square as well as other standard aluminium suits. Its properties also lend itself to producing intricate custom design sections. They have good mechanical properties and responds well to surface treatments that enhance the aesthetics of the surface. 6063/ 6060 has excellent corrosion resistance due to the very low percentage of magnesium in its chemical composition. It responds well to Anodising and further enhances its corrosion resistance.

WELDING

These alloys responds very well to all common forms of welding but for structural welds it often recommended that GTAW and GMAW methods are used.

MACHINING

Alloys 6063/6060 have average machinability and therefore other alloys are generally substituted where a high level of machining is required.

COMMON APPLICATIONS

Various Architectural profile such as balustrading and window frames. 6063 & 6060 are used in many different applications due to its versatility.

Alloy 6061

This alloy is a heat treatable medium to high strength alloy that has very good properties when it comes to corrosion and weldability. It is less likely to fatigue than some high strengths alloys such as 6082 and also has some formability in T6. This alloy is a good compromise between commercial architectural alloys and super high strength alloys.

WELDING

This alloy has a good weldability rating across all common types of welding process which in turn make it great for fabrication application.

MACHINING

Alloy 6061 has average machinability and therefore other alloys are generally substituted where a high level of machining is required.

COMMON APPLICATIONS

6061 is commonly used in the transport market where high strength is required but also medium fatigue strength. You will find this alloy in truck frames, bull bars & marine structures.

Alloy 6005A

This alloy is considered a structural alloy but of the 3 common structural alloys 6005A has the best extrusion characteristics. It achieves a very good extruded surface finish and is able to be extruded into thin-walled intricate shapes.

WELDING

This alloy has an excellent rating across all common types of welding process which in turn make it great for fabrication application.

MACHINING

Alloy 6005A has average machinability and therefore other alloys are generally substituted where a high level of machining is required.

COMMON APPLICATIONS

Due to its surface finish properties and ability to be extruded into intricate shapes this alloy is commonly used in structural architectural products and other products requiring strength but visually appealing surface finishes.

Alloy 6063 & 6060

This alloy is commonly used for the production of flats, angles, channels, hollows both circular and square as well as other standard aluminium suits. Its properties also lend itself to producing intricate custom design sections. They have good mechanical properties and responds well to surface treatments that enhance the aesthetics of the surface. 6063/ 6060 has excellent corrosion resistance due to the very low percentage of magnesium in its chemical composition. It responds well to Anodising and further enhances its corrosion resistance.

WELDING

These alloys responds very well to all common forms of welding but for structural welds it often recommended that GTAW and GMAW methods are used.

MACHINING

Alloys 6063/6060 have average machinability and therefore other alloys are generally substituted where a high level of machining is required.

COMMON APPLICATIONS

Various Architectural profile such as balustrading and window frames. 6063 & 6060 are used in many different applications due to its versatility.

Alloy 6061

This alloy is a heat treatable medium to high strength alloy that has very good properties when it comes to corrosion and weldability. It is less likely to fatigue than some high strengths alloys such as 6082 and also has some formability in T6. This alloy is a good compromise between commercial architectural alloys and super high strength alloys.

WELDING

This alloy has a good weldability rating across all common types of welding process which in turn make it great for fabrication application.

MACHINING

Alloy 6061 has average machinability and therefore other alloys are generally substituted where a high level of machining is required.

COMMON APPLICATIONS

6061 is commonly used in the transport market where high strength is required but also medium fatigue strength. You will find this alloy in truck frames, bull bars & marine structures.

Alloy 6005A

This alloy is considered a structural alloy but of the 3 common structural alloys 6005A has the best extrusion characteristics. It achieves a very good extruded surface finish and is able to be extruded into thin-walled intricate shapes.

WELDING

This alloy has an excellent rating across all common types of welding process which in turn make it great for fabrication application.

MACHINING

Alloy 6005A has average machinability and therefore other alloys are generally substituted where a high level of machining is required.

COMMON APPLICATIONS

Due to its surface finish properties and ability to be extruded into intricate shapes this alloy is commonly used in structural architectural products and other products requiring strength but visually appealing surface finishes.

Alloy 6106

This alloy is a heat treatable medium to high strength alloy that has very good properties when it comes to surface finish, extrudability, corrosion and weldability. It is less likely to fatigue than some high strengths alloys such as 6082 and also has some formability in T6. This alloy is an all-rounder as its strength and formability can be adjust through different tempering, it is a good compromise between commercial architectural alloys and super high strength alloys.

WELDING

This alloy has a good weldability rating across all common types of welding process which in turn make it great for fabrication application.

MACHINING

Alloy 6106 has good machinability and therefore it can be machined into basic products.

COMMON APPLICATIONS

6106 is commonly used for structural applications where the product has some intricacy or requires some degree forming and welding all while maintaining a good surface finish. You will often see this alloy used in Ladders, Pylons, Marine and Automotive structures.

Alloy 6082

Alloy 6082 is a high strength alloy with excellent corrosion resistance. This structural alloy is commonly used for machining when in plate form. This newer alloy is replacing 6061 in many applications. It has a very high level of manganese and this gives a great control over the grain structure which in turn creates a very strong alloy.

Its extrudability is limited though when compare to some other structural 6000 series alloys and it tends not to have a great surface finish compared to some 6000 series alloys.

WELDING

This alloy has a good weldability rating across all common types of welding process which in turn make it great for fabrication application.

MACHINING

Alloy 6082 has good machinability and therefore it can be machined into basic products.

COMMON APPLICATIONS

6082 is used predominantly in the marine and road transport market due to its very high strength. It is also seen in civil structures and is starting to become prevalent in many other structural applications. Common products include boats, truck bodies, automotive components, food production equipment and bridges and trusses.

Alloy 5005

This rolled (sheet or coil) alloy is softest of the 5000 series alloys due to its comparatively low levels of magnesium. This does however make this alloy very suitable for forming and welding.

It has excellent corrosion properties and due to its low levels of magnesium it doesn't suffer from stress corrosion like Alloy 5083.

WELDING

This alloy has an excellent weldability rating across all common types of welding process which in turn make it great for fabrication application.

MACHINING

Alloy 5005 has poor machinability and therefore it often substituted when machining is required.

COMMON APPLICATIONS

5005 is used for most general fabrication requirements where the product is to be constructed from sheet or coil. It is very versatile and is used in products such as signs, architectural flashings and transport products.

Alloy 5052/5251

Rolled (sheet or coil) alloys 5052 and 5251 are stronger than 5005 and is used in applications that require more structural integrity or more impact resistance. It is still suitable for forming and welding. It is now common place in Australia and New Zealand to interchange 5052 and 5251 as the mechanical properties are almost identical.

They have excellent corrosion properties and due to their low levels of magnesium they don't suffer from stress corrosion like Alloy 5083.

WELDING

These alloys have an excellent weldability rating across all common types of welding process which in turn make it great for fabrication application.

MACHINING

Alloys 5052 and 5251 have poor machinability and therefore it often substituted when machining is required.

COMMON APPLICATIONS

5052 and 5251 are used for most general fabrication requirements where the product is to be constructed from sheet or coil. It is very versatile and is used in products such as signs, architectural flashings, marine and transport, furniture and food processing products.

Alloy 5083

This alloy is a very high strength alloy and is heavily utilized in the aluminium ship building industry in plate form. This alloy is predominantly supplied pre-certified by a third party inspection company. It has excellent corrosion resistance but because it has magnesium content higher than 3.5% it can be susceptible to stress corrosion cracking.

WELDING

These alloys have an excellent weldability rating across all common types of welding process which in turn make it great for fabrication application.

MACHINING

Alloy 5083 has poor machinability and therefore it often substituted when machining is required.

COMMON APPLICATIONS

Applications for this product generally restricted to structural products requiring high levels of structural integrity. These products include pressure vessels, ships, rail cars, truck bodies, other road transport vehicles and civil structural applications.

Aluminium Sheet, Plate & Treadplate

Aluminium Sheets, Plate and Treadplate - Gr 5005 ,5052 ,5083 and 5005 0 (5Bar).

Size mm x mm	t mm	Mass/sh 5005 H34	Mass/sh 5052/5251 H32	Mass/sh 5052/5251 H38	Mass/sh 5083 H321	Mass/sh Treadplate
1200 x 2400	0.60	4.683	n/a		n/a	n/a
1200 x 2400	0.80	6.244	n/a		n/a	n/a
1200 x 2400	1.00	7.805	n/a		n/a	n/a
1200 x 3600	1.00	12.001	n/a		n/a	n/a
1200 x 2400	1.20	9.366	9.599		n/a	n/a
1200 x 3000	1.20	12.000	n/a		n/a	n/a
900 x 1800	1.60	7.199	n/a		n/a	n/a
1200 x 2400	1.60	12.488	12.488		n/a	13.577
1200 x 3000	1.60	15.610	n/a		n/a	n/a
1200 x 3600	1.60	18.732	n/a		n/a	n/a
1200 x 2400	2.00	15.610	15.61		n/a	17.122
1200 x 3000	2.00	19.512	n/a		n/a	n/a
1200 x 3600	2.00	24.000	n/a		n/a	n/a
1500 x 3600	2.00	30.002	n/a		n/a	n/a
1200 x 2400	2.50	19.512	19.512		n/a	21.845
1200 x 6000	2.50	n/a	50.004		n/a	n/a
1500 x 2400	2.50	n/a	24.39		n/a	n/a

Continued on next page...

The full listing of products not shown. Some sections may not be available at all locations.

Aluminium Sheets, Plate and Treadplate - Gr 5005 ,5052 ,5083 and 5005 0 (5Bar).

Size mm x mm	t mm	Mass/sh 5005 H34	Mass/sh 5052/5251 H32	Mass/sh 5052/5251 H38	Mass/sh 5083 H321	Mass/sh Treadplate
900 x 1800	3.00	13.499	n/a		n/a	n/a
1200 x 2400	3.00	23.414	23.414		23.99904	25.978
1200 x 3000	3.00	30.000	n/a		n/a	n/a
1200 x 3600	3.00	35.122	n/a		n/a	38.963
1200 x 6000	3.00	n/a	59.71		n/a	67.996
1200 x 6100	3.00	n/a	n/a		60.99756	n/a
1525 x 6100	3.00	n/a	n/a		77.521	n/a
1200 x 2400	4.00	31.219	n/a		32.000	n/a
1200 x 6100	4.00	n/a	n/a		81.3252	n/a
1525 x 6100	4.00	n/a	n/a		103.3508	n/a
2200 x 9000	4.00	n/a	n/a		244.42	n/a
1200 x 2400	5.00	39.024	n/a		40.00032	40.738
1200 x 6100	5.00	n/a	n/a		101.6675	n/a
1525 x 6100	5.00	n/a	n/a		129.2024	n/a
1830 x 6100	5.00	n/a	n/a		155.0429	n/a
2200 x 9000	5.00	n/a	n/a		305.558	n/a
1200 x 2400	6.00	46.829	n/a		48.0096	49.001
1200 x 3600	6.00	n/a	n/a		n/a	73.505
1200 x 6000	6.00	n/a	n/a		n/a	101.840
1200 x 6100	6.00	n/a	n/a		122.0024	n/a
1525 x 6100	6.00	n/a	n/a		155.0448	n/a
1830 x 6100	6.00	n/a	n/a		186.0537	n/a
2200 x 9000	6.00	n/a	n/a		366.674	n/a
1200 x 2400	8.00	n/a	n/a		63.99936	n/a
1830 x 6100	8.00	n/a	n/a		248.0642	n/a
1200 x 2400	10.00	n/a	n/a		80.00064	n/a
1200 x 6000	10.00	n/a	n/a		200.0	n/a
1200 x 2400	12.00	n/a	n/a		95.99904	n/a
1200 x 2400	16.00	n/a	n/a		127.9987	n/a
1200 x 2400	20.00	n/a	n/a		160.0013	n/a
1200 x 2400	25.00	n/a	n/a		199.9987	n/a

The full listing of products not shown. Some sections may not be available at all locations.

Aluminium Extrusions

Aluminium Flat Bar 6060 T5				
Width (mm)	Thickness (mm)	Length (mm)	Mass per length (kg)	Alloy and temper
10	3.0	4000	0.32	6060 T5
20	1.6	4000	0.35	6060 T5
20	3.0	4000	0.65	6060 T5
20	6.0	4300	1.40	6063 T4
25	3.0	4000	0.81	6060 T5
25	5.0	4000	1.36	6060 T5
25	6.0	4000	1.62	6060 T5
25	10.0	4000	2.71	6060 T5
32	3.0	4000	1.04	6060 T5
32	6.0	4000	2.08	6060 T5
40	3.0	4000	1.30	6060 T5
40	4.0	4000	1.74	6060 T5
40	6.0	4000	2.60	6060 T5
40	10.0	4000	4.33	6060 T5
50	3.0	4000	1.62	6060 T5
50	4.0	4000	3.25	6060 T5
50	5.0	4000	2.71	6060 T5
50	6.0	4000	4.86	6060 T5
50	8.0	4000	4.34	6060 T5
50	10.0	4000	5.42	6060 T5
50	12.0	4000	6.48	6060 T5
50	12.0	5000	8.10	6060 T5
60	6.0	4000	3.89	6060 T5
60	6.0	4000	3.89	6060 T591
60	10.0	4000	6.50	6060 T5
80	3.0	4000	2.59	6060 T5
80	3.0	5000	3.24	6060 T5
80	6.0	4000	5.20	6060 T5
80	10.0	4000	8.66	6060 T5
80	12.0	4000	10.41	6060 T5

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The full listing of products not shown. Some sections may not be available at all locations.

Aluminium Flat Bar 6060 T5				
Width (mm)	Thickness (mm)	Length (mm)	Mass per length (kg)	Alloy and temper
100	3.0	4000	3.25	6060 T5
100	6.0	4000	6.50	6060 T5
100	10.0	4000	10.83	6060 T5
100	12.0	4000	13.01	6060 T5
160	6.0	4000	10.37	6060 T5
160	10.0	4000	17.33	6060 T5
160	12.0	4000	20.81	6060 T5

Items are not stocked at all locations.

Aluminium Flat Bar 6061 T6				
Width (mm)	Thickness (mm)	Length (mm)	Mass per length (kg)	Alloy and temper
100	6.0	6000	10.00	6061 T6

Aluminium Angles 6060 T5					
Height (mm)	Width (mm)	Thickness (mm)	Length (mm)	Mass per length (kg)	Alloy and temper
20	12	1.6	6000	0.79	6060 T5
20	12	1.6	6500	0.86	6060 T5
20	20	1.6	6000	0.99	6060 T5
20	20	1.6	6500	1.07	6060 T5
20	20	3.0	6500	1.95	6060 T5
25	20	1.6	6500	1.24	6060 T5
25	25	1.6	6500	1.35	6060 T5
25	25	3.0	6500	2.47	6060 T5
32	20	1.6	6500	1.40	6060 T5
32	32	1.6	6500	1.65	6060 T5
32	32	3.0	6500	3.22	6060 T5
40	20	1.6	6500	1.55	6060 T5
40	20	3.0	6500	3.01	6060 T5
40	25	3.0	6500	3.26	6060 T5
40	40	1.5	6500	2.07	6060 T5
40	40	1.6	6500	2.20	6060 T5
40	40	3.0	6500	4.06	6060 T5
40	40	4.0	6500	5.47	6060 T5

The full listing of products not shown. Some sections may not be available at all locations.

Aluminium Angles 6060 T5					
Height (mm)	Width (mm)	Thickness (mm)	Length (mm)	Mass per length (kg)	Alloy and temper
40	40	6.0	6500	7.79	6060 T5
50	25	1.6	6500	2.07	6060 T5
50	25	3.0	6500	3.80	6060 T5
50	50	1.6	6500	2.76	6060 T5
50	50	3.0	5900	4.64	6060 T5
50	50	3.0	6500	5.11	6060 T5
50	50	4.0	6500	6.77	6060 T5
50	50	6.0	6500	9.90	6060 T5
75	25	3.0	6500	5.13	6060 T5
80	40	6.0	6000	11.12	6060 T4
80	80	6.0	6000	15.02	6060 T5

The full listing of products not shown.

Aluminium Struct Angles 6061 T6						
Height (mm)	Width (mm)	Thickness (mm)	R2	Length (mm)	Mass per length (kg)	Alloy and temper
76.2	50.8	6.4		5500	11.59	6061 T6
80	80	6.0	4.0	6000	15.40	6061 T6
100	50	6.0	4.0	6000	15.28	6061 T6

Some sections may not be available at all locations.

Aluminium Rounds 6060 T5			
Diameter (mm)	Length (mm)	Mass per length (kg)	Alloy and temper
8	6000	0.82	6060 T5
10	4000	0.85	6060 T5
12	4000	1.22	6060 T5
12	6000	1.83	6060 T6
16	4000	2.17	6060 T5
16	6000	3.26	6060 T5
20	4000	3.40	6060 T5
25.4	4000	5.48	6060 T5

The full listing of products not shown. Some sections may not be available at all locations.

Aluminium Channels 6060 T5							
Height (mm)	Width (mm)	T1 (mm)	T2 (mm)	Radius	Length (mm)	Mass per length (kg)	Alloy and temper
20	16	1.6	1.6		6000	1.27	6060 T5
20	20	1.6	1.6		6500	1.60	6060 T5
25	25	3.0	3.0		6500	3.65	6060 T5
40	20	3.0	3.0		6500	3.91	6060 T5
40	25	3.0	3.0		6500	4.43	6060 T5
41.5	22.5	3.0	3.0	3	6500	4.25	6060 T5
50	25	3.0	3.0		6500	4.95	6060 T5
53	25	1.2	1.2		7250	2.36	6060 T5
53	25	1.6	1.6		6000	2.59	6060 T5
60	32	3.0	3.0		6500	6.39	6060 T5
100	50	3.0	3.0		6500	10.21	6060 T5

Alum Struct Channels 6061 T6							
Height (mm)	Width (mm)	T1 (mm)	T2 (mm)	Radius	Length (mm)	Mass per length (kg)	Alloy and temper
76.2	38.1	6.4	7.9	7.62	5500	15.07	6061 T6
80	40	6.0	6.0	4	5900	14.31	6061 T6
101.6	50.8	7.9	6.3	9.14	5500	20.65	6061 T6

Square Edge Hollow Sections 6060/6063							
A and B (mm)	T (mm)	R1 (mm)	R2 (mm)	Length (mm)	Mass per length (kg)	Alloy and temper	
12	1.6			6500	1.22	6060 T5	
20	1.2			6000	1.49	6060 T5	
20	1.6			6500	2.07	6060 T5	
20	2.0	3.00		6500	2.88	6060 T5	
20	3.0	3.00		6500	3.46	6060 T5	
20	3.0	3.00	0.50	6500	3.46	6063 T5	
25	1.6			6500	2.69	6060 T5	
25	1.5	2.50	1.00	6500	2.41	6060 T5	
25	2.0	1.60	0.50	6000	2.96	6060 T5	
25	3.0			6500	4.65	6060 T5	
25	3.0	3.00	3.00	5900	4.22	6060 T5	
25	3.0	3.00	3.00	6000	4.29	6060 T5	
25	3.0	3.00	3.00	6500	4.63	6060 T5	

The full listing of products not shown. Some sections may not be available at all locations.

Square Edge Hollow Sections 6060/6063						
A and B (mm)	T (mm)	R1 (mm)	R2 (mm)	Length (mm)	Mass per length (kg)	Alloy and temper
25	3.0	3.00	3.00	6500	4.63	6060 T591
25.4	3.3	3.18	3.18	7000	5.46	6060 T5
32	2.0			6500	4.23	6060 T5
32	3.0			6500	6.11	6060 T5
40	1.6			6500	4.33	6060 T5
40	2.0			6500	5.36	6060 T5
40	2.0	3.00	1.00	6500	5.23	6060 T5
40	3.0			5900	7.10	6060 T5
40	3.0			6500	7.80	6060 T5
40	3.0	3.00	0.50	6500	7.69	6060 T5
50	1.6	6.00	4.40	6500	5.21	6060 T5
50	2.0			6500	6.79	6060 T5
50	2.0	6.00	4.00	6500	6.46	6063 T6
50	2.5			6500	8.34	6060 T5
50	3.0			6000	9.17	6060 T5
50	3.0			6500	9.93	6060 T5
50.8	2.0	6.00		6500	6.57	6060 T5
50.8	3.2	4.75	1.55	6000	9.76	6060 T5
50.8	3.2	4.75	1.55	6500	10.57	6060 T5
65	2.5			6500	11.01	6060 T5
90	2.2	3.00		6500	13.35	6060 T5
100	3.0			5000	16.09	6060 T5
100	3.0			6000	19.31	6060 T5
100	3.2	6.35	6.35	6500	21.37	6060 T5

The full listing of products not shown. Some sections may not be available at all locations.

Round Tubes 6060/6063/6106					
Diameter (mm)	Wall thick (mm)	Nominal ID (mm)	Length (mm)	Mass per length (kg)	Alloy and temper
16	1.20	13.60	6500	0.98	6060 T6
16	1.60	12.80	6000	1.17	6060 T5
16	1.60	12.80	6500	1.27	6060 T5
19	1.20	16.60	6500	1.17	6060 T5
19	3.20	12.60	6500	2.86	6060 T5
19.05	1.65	15.75	6500	1.58	6060 T5
20	1.60	16.80	6500	1.61	6060 T5
25	1.20	22.60	6000	1.46	6060 T591
25	1.60	21.80	6500	2.07	6060 T5
25	3.00	19.00	5900	3.29	6060 T52
25	3.00	19.00	6500	3.63	6060 T5
25	3.00	19.00	5900	3.29	6060 T595
32	1.60	28.80	6500	2.68	6060 T5
32	3.00	26.00	6500	4.79	6060 T595
32	3.00	26.00	6000	4.42	6060 T5
32	3.00	26.00	6500	4.79	6060 T5
38.1	3.20	31.70	6000	5.84	6063 T1
38.1	3.20	31.70	5900	5.74	6060 T52
38	4.50	29.00	5500	7.06	6060 T591
40	1.60	36.80	6500	3.40	6060 T5
40	3.00	34.00	5500	5.18	6060 T52
40	3.00	34.00	6500	6.12	6060 T5
40	3.00	34.00	5500	5.18	6060 T595
44.5	3.20	38.10	6000	6.92	6063 T591
44.5	3.20	38.10	5500	6.34	6063 T52
48	3.00	42.00	5500	6.47	6060 T52
48	3.00	42.00	5500	6.47	6060 T52
48.4	4.50	39.40	5500	9.47	6060 T52
48.4	4.70	39.00	6500	11.37	6063 T591
50	3.00	44.00	6500	7.79	6060 T5
50	3.00	44.00	6500	7.79	6060 T595
50	3.00	44.00	6000	7.19	6063 T1

The full listing of products not shown. Some sections may not be available at all locations.

Round Tubes 6060/6063/6106					
Diameter (mm)	Wall thick (mm)	Nominal ID (mm)	Length (mm)	Mass per length (kg)	Alloy and temper
50	3.00	44.00	6500	7.79	6063 T1
50	4.00	42.00	6500	10.42	6060 T1
50	4.00	42.00	5500	8.82	6060 T52
50	4.00	42.00	6000	9.62	6060 T591
50	4.00	42.00	6500	10.42	6060 T591
60	2.00	56.00	6000	5.93	6063 T1
60	2.00	56.00	6500	6.42	6063 T591
60	3.00	54.00	6500	9.45	6060 T595
60	3.00	54.00	6500	9.45	6063 T5
60	5.00	50.00	6500	15.22	6063 T591
60	6.00	48.00	6500	18.36	6060 T1
63.5	3.20	57.10	6000	9.86	6063 T1
63.5	3.95	55.60	6000	12.02	6060 T4
63.5	4.75	54.00	6000	7.13	6063 T1
76.2	2.60	71.00	6500	10.74	6060 T591
76.2	3.20	69.80	6500	9.70	6063 T1
76.2	4.70	66.80	6500	18.60	6060 T4
76.2	4.70	66.80	6000	17.17	6063 T1
76	6.00	64.00	5900	48.83	6060 T1
76	6.00	64.00	6500	53.80	6060 T1
80	3.00	74.00	6500	12.74	6060 T595
88.9	6.35	76.20	6600	29.45	6060 T4
100	3.00	94.00	6500	16.04	6060 T4
100	3.00	94.00	6500	16.04	6060 T52
100	3.00	94.00	6500	16.04	6060 T5
100	3.00	94.00	6500	16.04	6060 T595
100	6.00	88.00	6000	29.52	6060 T5
203.2	3.00	197.20	4200	22.01	6060 T5
203.2	3.00	197.20	6500	34.06	6060 T5

The full listing of products not shown. Some sections may not be available at all locations.

Round Tube 6061/6082/6005A					
Diameter (mm)	Wall thick (mm)	Nominal ID (mm)	Length (mm)	Mass per length (kg)	Alloy and temper
48.4	4.47	39.46	6000	10.03	6061 T6 (SCAF)
48.4	4.47	39.46	6100	10.20	6061 T6 (SCAF)
50.0	4.00	42.00	6500	10.18	6106 T6
50.0	5.00	40.00	6600	12.65	6106 T6
50.0	6.00	38.00	6000	13.48	6082 T5
50.0	6.00	38.00	6000	13.48	6106 T6
63.5	6.30	50.90	6000	18.86	6082 T6
76.2	6.35	63.50	6000	23.22	6082 T6
76.2	6.35	63.50	6000	23.22	6082 T6
88.9	6.35	76.20	5500	25.15	6082 T6
101.6	6.35	88.90	6500	34.30	6082 T6
114.3	6.40	101.50	6500	39.16	6082 T6

Sizes may not be available at all locations. Please check with your steel outlet. Details correct at time of printing.

Contact us for a complete list of standard items in:

Marine extrusions

Transport Extrusions

Fencing Extrusions

Balustrade extrusions

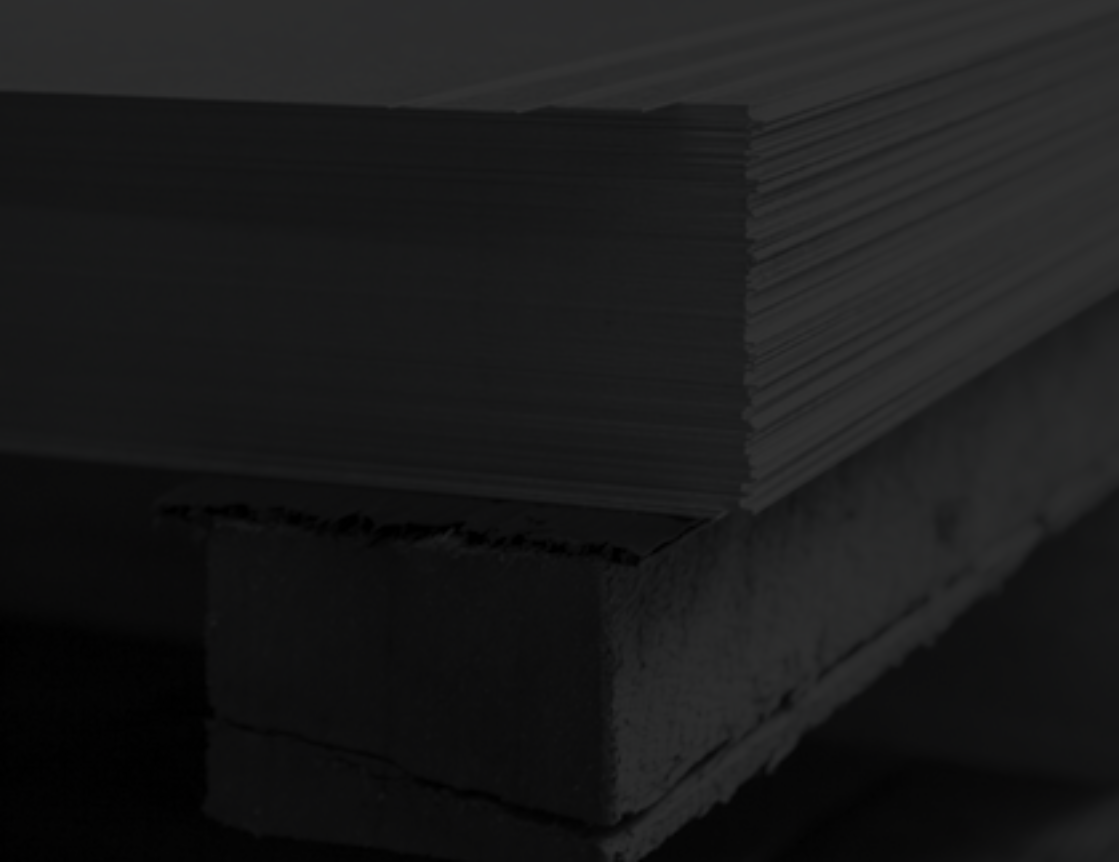
Louvre extrusions

Signage extrusions

Or speak with our friendly staff who will help you develop your own unique extrusion to suit any purpose.

The full listing of products not shown. Some sections may not be available at all locations.

Stainless Steel



Grades & Uses

Grade 304

This is an austenitic, corrosion resistant steel with excellent strength, toughness, fabrication features and weld ability.

Grade 316

Grade 316 is a member of the 18/8 chromium nickel group of austenitic stainless steels for use in high areas of chlorine and hygienic surfaces.

Stainless Steel Sheets *

Stainless Steel Sheets & Plates				
Size mm	t mm	Mass kg/sh 304 2B	Mass kg/sh 304 No4 PVC	Mass kg/sh 316 2B
1219 x 2438	0.55	n/a	13.366	n/a
1219 x 2438	0.70	n/a	17.011	n/a
1219 x 2438	0.90	21.871	21.871	n/a
1219 x 2438	1.20	29.162	29.162	29.16
1219 x 2438	1.50	36.452	36.452	35.86
1219 x 2438	2.00	48.603	n/a	48.60
1500 x 3000	2.00	74.745	n/a	74.75
1219 x 2438	2.50	61.697	n/a	n/a
1219 x 2438	3.00	72.904	n/a	n/a
1500 x 3000	3.00	112.095	n/a	n/a
1500 x 3000	5.00	186.750	n/a	n/a
1500 x 3000	6.00	224.100	n/a	n/a

*Sheet sizes may vary in dimensions between local stockists.

Not a stocked item at all locations.

Details courtesy of local suppliers.



Black Steel Products

Flat Mild Steel

Square Edged Flats - AS/NZS 3679.1-300				
Legend	Size mm x mm	Mass kg/m	Metres/ tonne m/t	Approx Lens per bundle.
○	10 x 3	0.25	4000	964 = 1t
These flats supplied as 4.0 metres				
○	13 x 3 *	0.31	3226	798 = 1t
○	13 x 5 *	0.53	1887	478 = 1t
○	13 x 6 *	0.56	1786	398 = 1t
Referred to as Small Flats. May have rounded edges.				
○	16 x 3 *	0.36	2778	647 = 1t
○	16 x 5 *	0.60	1667	388 = 1t
Sizes 16x8 and above, supplied in 6m lengths.				
	16 x 8	1.03	971	160 = 0.989t
△	20 x 3 #	0.48	2083	346 = 1.002t
	20 x 5	0.80	1250	208 = 1.004t
	20 x 6	0.96	1042	173 = 1.002t
	20 x 10	1.57	637	208 = 2.008t
△	25 x 3 #	0.60	1667	277 = 1.003t
	25 x 5	0.981	1019	332 = 2.004t
	25 x 6	1.18	847	278 = 2.013t
	25 x 8	1.57	637	208 = 2.008t
	25 x 10	1.96	510	166 = 2.004t
	25 x 12	2.36	424	138 = 1.999t
△	32 x 3 #	0.77	1299	219 = 1.015t
	32 x 5	1.26	794	265 = 2.047t
	32 x 6	1.51	662	215 = 1.993t
	32 x 8	2.01	498	162 = 2.002t
	32 x 10	2.51	398	129 = 1.993t
	32 x 12	3.01	332	108 = 2.002t
△	40 x 3 #	0.97	1031	173 = 1.002t
	40 x 5	1.57	637	208 = 2.008t
	40 x 6	1.88	532	173 = 2.005t
	40 x 8	2.51	398	129 = 1.993t
	40 x 10	3.14	318	103 = 1.989t

Square Edged Flats - AS/NZS 3679.1-300				
Legend	Size mm x mm	Mass kg/m	Metres/ tonne m/t	Approx Lens per bundle.
	40 x 12	3.93	254	87 = 2.016t
	40 x 16	5.02	199	66 = 2.039t
	40 x 20	6.28	159	52 = 2.008t
△	50 x 3 #	1.21	826	280 = 2.027t
	50 x 5	1.96	510	166 = 2.004t
	50 x 6	2.36	424	139 = 2.013t
	50 x 8	3.14	318	104 = 2.008t
	50 x 10	3.93	254	83 = 2.004t
	50 x 12	4.71	212	69 = 1.999t
	50 x 16	6.28	159	52 = 2.008t
	50 x 20	7.85	127	42 = 2.028t
	50 x 25	9.81	102	34 = 2.052t
△	65 x 3 #	1.57	637	213 = 2.005t
	65 x 5	2.55	392	127 = 1.993t
	65 x 6	3.06	327	107 = 2.015t
	65 x 8	4.08	245	80 = 2.008t
	65 x 10	5.10	196	65 = 2.040t
	65 x 12	6.12	163	53 = 1.996t
	65 x 16	8.16	123	41 = 2.059t
	65 x 20	10.20	98	35 = 2.197t
	75 x 5	2.94	340	110 = 1.991t
	75 x 6	3.53	283	92 = 1.999t
	75 x 8	4.71	212	71 = 2.057t
	75 x 10	5.89	170	55 = 1.991t
	75 x 12	7.07	141	46 = 1.999t
	75 x 16	9.42	106	34 = 1.970t
	75 x 20	11.80	85	28 = 2.028t
	75 x 25	14.70	68	23 = 2.029t
	90 x 6	4.24	236	78 = 2.033t
	90 x 8	5.65	177	59 = 2.051t
	90 x 10	7.07	141	46 = 1.999t
	90 x 12	8.48	118	38 = 1.981t

Square Edged Flats - AS/NZS 3679.1-300				
Legend	Size mm x mm	Mass kg/m	Metres/ tonne m/t	Approx Lens per bundle.
	5	3.930	254	85 = 2.052t
	6	4.710	212	71 = 2.057t
	8	6.280	159	52 = 2.008t
	10	7.850	127	43 = 2.076t
	12	9.420	106	36 = 2.086t
	16	12.600	79	26 = 2.008t
	20	15.700	64	22 = 2.124t
	25	19.600	51	17 = 2.052t
	100 x 6	5.18	193	64 = 2.034t
	100 x 8	6.91	145	48 = 2.039t
	100 x 10	8.64	116	39 = 2.071t
✓	100 x 12 SLTF	10.40	96	34 = 2.167t
✓	130 x 5 SLTF	5.10	196	65 = 2.040t
✓	130 x 6 SLTF	6.12	163	55 = 2.071t
	130 x 8	8.16	123	41 = 2.059t
	130 x 10	10.20	98	33 = 2.071t
	130 x 12	12.20	82	28 = 2.109t
	130 x 16	16.30	61	20 = 2.008t
	130 x 20	20.40	49	16 = 2.008t
	130 x 25	25.50	39	13 = 2.040t
✓	150 x 5 SLTF	5.89	170	56 = 2.028t
✓	150 x 6 SLTF	7.07	141	46 = 1.999t
	150 x 8	9.42	106	36 = 2.086t
	150 x 10	11.8	85	29 = 2.100t
	150 x 12	14.1	71	23 = 1.999t
	150 x 16	18.8	53	16 = 2.202t
	150 x 20	23.6	42	14 = 2.028
	150 x 25	29.4	34	11 = 1.991t
	150 x 50	58.9	17	5 = 1.810t
✓	180 x 6 SLTF	8.48	118	40 = 2.086t
	180 x 10	14.1	71	24 = 2.086t
	180 x 12	17.0	59	20 = 2.086t

Square Edged Flats - AS/NZS 3679.1-300				
Legend	Size mm x mm	Mass kg/m	Metres/ tonne m/t	Approx Lens per bundle.
□	180 x 16 #	23.18	43	11 = 1.529t
□	180 x 20 #	28.3	35	12 = 2.086t
□	180 x 25 #	36.21	28	9 = 1.955t
✓	200 x 6 SLTF	9.42	106	35 = 2.086t
✓	200 x 8 SLTF	12.6	79	26 = 2.008t
	200 x 10	15.7	64	21 = 2.086t
	200 x 12	18.8	53	13 = 2.008t
	200 x 16	25.1	40	14 = 2.163t
	200 x 20	31.4	32	11 = 2.124t
	200 x 25	39.3	25	8 = 1.931t
✓	250 x 6 SLTF	11.8	85	28 = 2.028t
✓	250 x 8 SLTF	15.7	64	23 = 2.221t
✓	250 x 10 SLTF	19.6	51	18 = 2.172t
✓	250 x 12 SLTF	23.6	42	16 = 2.317t
□	250 x 16 #	32.18	31	11 = 2.124t
□	250 x 20 #	40.28	25	8 = 1.931t
□	250 x 25 #	50.32	20	7 = 2.112t
✓	300 x 6 SLTF	14.1	71	24 = 2.086t
✓	300 x 8 SLTF	18.8	53	19 = 2.202t
✓	300 x 10 SLTF	23.6	42	16 = 2.317t
✓	300 x 12 SLTF	28.3	35	12 = 2.086t
□	300 x 16 #	38.64	26	10 = 2.317t
□	300 x 20 #	48.27	21	8 = 2.317t
□	300 x 25 #	60.37	17	7 = 2.535t

LEGEND

- * Round Edge Flats.
- △ # Items may be imported.
- ✓ SLTF = Slit Flats.
- # Wide flats are flame cut from plate & meet AS/NZ 3678-250.

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Unequal Angles

Unequal Angles - AS/NZS 3679.1-300			
Size mm x mm x mm	Mass kg/m	Metres/ tonne m/t	Approx Lens per bundle
Merchant Angles @ 9.000m			
60 x 50 x 5	4.02	249	56 = 2.026t
60 x 50 x 6	5.16	194	49 = 2.276t
60 x 50 x 8	6.59	152	34 = 2.017t
75 x 50 x 5	4.40	227	51 = 2.020t
75 x 50 x 6	5.66	177	34 = 1.732t
75 x 50 x 8	7.23	138	31 = 2.018t
100 x 75 x 6	7.98	125	28 = 2.006t
100 x 75 x 8	10.3	97	22 = 2.040t
100 x 75 x 10	12.4	81	18 = 2.009t
125 x 75 x 6	9.16	109	24 = 1.979t

Unequal Angles - AS/NZS 3679.1-300			
Size mm x mm x mm	Mass kg/m	Metres/ tonne m/t	Approx Lens per bundle
125 x 75 x 8	11.8	85	19 = 2.018t
125 x 75 x 10	14.2	70	16 = 2.045t
125 x 75 x 12	17.7	56	13 = 2.071t
NB: All angle bundling details are approximate.			
Structural Angles @ 12.000m			
150 x 90 x 8	14.3	70	27 = 4.633t
150 x 90 x 10	17.3	58	24 = 4.980t
150 x 90 x 12	21.6	46	18 = 4.670t
150 x 90 x 16	27.9	36	14 = 4.690t
150 x 100x10	18.0	56	22 = 4.750t
150 x 100x12	22.5	44	18 = 4.860t

Equal Angles

Equal Angles - AS/NZS 3679.1-300			
Size mm x mm x mm	Mass kg/m	Metres/ tonne	Approx Lens per bundle
* Imported section @ 6.0m. To SS400.			
20 x 20 x 3*	0.87	1149.4	194 = 1.013t
Merchant Angles @ 7.5m.			
25 x 25 x 3	1.12	893	247 = 2.075t
25 x 25 x 5	1.65	606	166 = 2.054t
25 x 25 x 6	2.08	481	127 = 1.981t
30 x 30 x 3	1.35	741	196 = 1.985t
30 x 30 x 5	2.01	498	136 = 2.050t
30 x 30 x 6	2.56	391	110 = 2.112t
40 x 40 x 3	1.83	546	153 = 2.100t
40 x 40 x 5	2.73	366	99 = 2.027t
40 x 40 x 6	3.50	286	76 = 1.995t
Merchant Angles @ 9.0m			

Equal Angles - AS/NZS 3679.1-300			
Size mm x mm x mm	Mass kg/m	Metres/ tonne	Approx Lens per bundle
45 x 45 x 3	2.06	485	117 = 2.169t
45 x 45 x 5	3.10	323	81 = 1.990t
45 x 45 x 6	3.97	252	56 = 2.001t
50 x 50 x 3	2.31	433	99 = 2.058t
50 x 50 x 5	3.48	287	65 = 2.040t
50 x 50 x 6	4.46	224	49 = 1.967
50 x 50 x 8	5.68	176	39 = 1.994t
55 x 55 x 5	3.84	260	63 = 2.177
55 x 55 x 6	4.93	203	49 = 2.174
65 x 65 x 5	4.56	219	48 = 1.971t
65 x 65 x 6	5.87	170	40 = 2.114t
65 x 65 x 8	7.51	133	32 = 2.164t
65 x 65 x 10	9.02	111	24 = 1.950t

Equal Angles - AS/NZS 3679.1-300			
Size mm x mm x mm	Mass kg/m	Metres/ tonne	Approx Lens per bundle
75 x 75 x 5	5.27	190	42 = 1.992t
75 x 75 x 6	6.81	147	33 = 2.022t
75 x 75 x 8	8.73	115	26 = 2.042t
75 x 75 x10	10.5	95	21 = 1.985t
90 x 90 x 6	8.22	122	27 = 1.998t
90 x 90 x 8	10.6	94	21 = 2.004t
90 x 90 x10	12.7	79	20 = 2.286t
100 x 100 x 6	9.16	109	24 = 1.979t
100 x 100 x 8	11.8	85	19 = 2.018t
100 x 100 x10	14.2	70	20 = 2.286t
100 x 100 x12	17.7	56	15 = 2.390t
Structural Angles @ 12.0m.			
125 x 125 x 8	14.9	67	26 = 4.650t

Equal Angles - AS/NZS 3679.1-300			
Size mm x mm x mm	Mass kg/m	Metres/ tonne	Approx Lens per bundle
125 x 125 x10	18.0	56	20 = 4.750t
125 x 125 x12	22.5	44	18 = 4.860t
125 x 125 x16	29.1	34	14 = 4.890t
150 x 150 x10	21.9	46	18 = 4.730t
150 x 150 x12	27.3	37	15 = 4.910t
150 x 150 x16	35.4	28	11 = 4.670t
150 x 150 x19	42.1	24	9 = 4.550t
200 x 200 x13	40.0	25	10 = 4.800t
200 x 200 x16	48.7	21	8 = 4.680t
200 x 200 x18	54.4	18	7 = 4.570t
200 x 200 x20	60.1	17	6 = 4.330t
200 x 200 x26	76.8	13	5 = 4.610t

Square Mild Steel & Billets

Square Mild Steel - AS/NZS 3679.1-300 (Supplied in 6m)			
Size mm	Mass kg/m	Metres/ tonne m/t	Approx Lens per bundle
10	0.79	1266	415 = 2.004t
12	1.13	885	291 = 2.023t
16	2.01	498	163 = 2.015t
19	2.91	344	116 = 2.022t
20	3.14	318	104 = 2.008t
25	4.91	204	66 = 1.991t
40	12.5	80	26 = 1.965t
Corner radius on Squares is approximately 1.0mm			

Light Billets -AS1442 - 1040 (Supplied in 6m)			
Size mm	Mass kg/m	Metres/ tonne m/t	Corner radius
40	12.5	80	1.0mm

AS1442 - U1040/U1045 (Billets)			
Size mm	Mass kg/m	Metres/ tonne m/t	Corner radius
40	12.5	80	1.0mm
45	16.29	61	5.5mm
50	20.12	50	6.5mm
63	31.94	31	8.0mm
75	45.26	22	9.5mm
Larger square sections may need to be cut from a thick plate!			

Round Mild Steel & Large Rounds

Round Mild Steel - AS/NZS 3679.1-300				
Legend	Diameter mm	Mass kg/m	Metres/tonne m/t	Approx Lens per bundle
x	6	0.233	4292	664 = 1.000t
x	8	0.394	2538	423 = 1.000t
	10	0.616	1623	530 = 2.009t
	12	0.887	1127	367 = 2.004
	14	1.21	826	271 = 2.014
	16	1.58	633	206 = 1.999t
	18	1.99	503	168 = 2.064t
	20	2.46	407	132 = 2.002t
	22	2.98	336	110 = 2.019t
	24	3.55	282	93 = 2.031t
	27	4.49	223	73 = 2.018t
	30	5.55	180	60 = 2.047t
	33	6.71	149	50 = 2.064t
	36	7.99	125	42 = 2.064t
	39	9.38	107	36 = 2.076t
	42	10.90	92	30 = 2.006t
	45	12.50	80	26 = 1.996t
	48	14.20	70	23 = 2.009
	50	15.40	65	22 = 2.085t
	56	19.30	52	17 = 2.021t
	60	22.20	45	15 = 2.047t
	65	26.00	38	14 = 2.243t
	75	34.70	29	10 = 2.133
	80	40.44	25	10 = 2.427t
	90	49.90	20	7 = 2.150t

Typically supplied in 6.000 metre lengths.

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LEGEND

- x 6mm and 8mm rounds supplied as HDLC Wires - AS1302

Large Rounds - 1020 / L1045		
Diameter mm	Mass kg/m	Metres/tonne m/t
100	63.191	15.8
110	75.383	13.3
120	89.712	11.1
130	105.287	9.5
140	122.108	8.2
150	140.175	7.1
160	159.488	6.3
170	180.047	5.6
180	201.852	5.0
190	224.903	4.4
200	249.200	4.0
210	274.743	3.6
220	301.532	3.3
230	329.567	3.0
240	358.848	2.8
250	389.375	2.6
260	421.148	2.4
280	488.432	2.0
300	560.700	1.8
310	598.703	1.7
320	637.952	1.6
340	720.188	1.4
360	807.408	1.2
380	899.612	1.1
400	996.800	1.0

Large rounds may not be stocked at all locations.

Larger Rounds are supplied in random lengths.

Large Rounds - 1020 / L1045							
Nominal Size	Mass kg/m	Overall Height - mm	Base Width - mm	Head Width - mm	Head Depth - mm	Web Thickness mm	Suggested Lengths - m
10	10.1	66.67	66.67	34.13	18.26	6.35	6.00 m
15	15.2	79.37	79.37	42.86	22.22	8.33	9.00 m
22	22.3	93.66	93.66	50.80	26.99	10.72	12.19 m
30	30.1	107.95	107.95	60.33	30.95	12.3	12.19 m
41	40.8	136.5	127.0	63.5	40.5	13.1	12.19 m or 13.72 m
50	50.6	154.0	127.0	70.0	45.0	15.0	12.19 m or 13.72 m
53	53.0	157.1	146.0	70.0	46.0	14.7	12.19 m or 13.72 m
60	60.6	170.0	146.0	70.0	49.0	16.5	12.19 m or 13.72 m
68	67.5	185.7	152.4	74.6	49.2	17.5	12.50 m

Rails are not normally a stocked item - Mill quantities and lead times will apply.

Taper Flanged Beams

Taper Flanged Beams - AS/NZS 3679.1 - 300 (Imported)								
Designation Size mm	Section Mass kg/m	Section Depth mm	Flange Width mm	Flange Thickness mm	Web Thickness mm	Root Radius mm	m/tonne	Length/Bundle Based on 13.80m
* 100 x 45	7.2	100	45	6.0	4.0	7.0	138.89	21 = 2.087t
* 125 x 65	13.1	125	65	8.5	5.0	8.0	76.34	11 = 1.989t

* An imported section - longer lead times may apply.

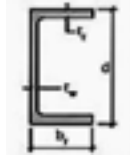
Taper Flanged Channel



Taper Flanged Channel - SS400 (Imported)								
Designation Size mm	Section Mass kg/m	Section Depth d mm	Flange Width b_1 mm	Flange Thickness t_f mm	Web Thickness t_w mm	Root Radius mm	m/tonne	Length/Bundle Based on 6.10m
* 50 x 25	4.46	50	25	5.0	4.0	6.0	224.22	73 = 2.014t

* An imported section - longer lead times may apply.

(Merchant) Parallel Flanged Channel



Merchant Parallel Flange Channels - AS/NZS3679.1-300

Designation Size mm	Section Mass kg/m	Section Depth d mm	Flange Width b_1 mm	Flange Thickness t mm	Web Thickness t_w mm	Root Radius mm	m/tonne	Length/Bundle Based on 9.0m
75 x 40	5.92	75	40	6.1	3.8	8.0	168.92	40 = 2.132t
100 x 50	8.33	100	50	6.7	4.2	8.0	120.05	24 = 1.799t
125 x 65	11.9	125	65	7.5	4.7	8.0	84.03	20 = 2.142t

Length range is 7.5m, 9.0m and 12.0m.

(Light) Parallel Flanged Channel

Light Structural Parallel Flange Channels - AS/NZS3679.1-300

Designation Size mm	Section Mass kg/m	Section Depth d mm	Flange Width b_1 mm	Flange Thickness t mm	Web Thickness t_w mm	Root Radius mm	m/tonne	Length/Bundle Based on 12.0m
150 x 75	17.7	150	75	9.5	6.0	10.0	56.50	20 = 4.248t
180 x 75	20.9	180	75	11.0	6.0	12.0	47.85	16 = 4.013t
200 x 75	22.9	200	75	12.0	6.0	12.0	43.67	16 = 4.397t
230 x 75	25.1	230	75	12.0	6.5	12.0	39.84	16 = 4.819t
250 x 90	35.5	250	90	15.0	8.0	12.0	28.17	8 = 3.408t

Length range is 9.0m, 10.5m, 12.0m, 13.5m, 15.0m, 16.5m and 18.0m

(Heavy) Parallel Flanged Channel

Heavy Structural Parallel Flange Channels - AS/NZS3679.1-300								
Designation Size mm	Section Mass kg/m	Section Depth d mm	Flange Width b _f mm	Flange Thickness t _f mm	Web Thickness t _w mm	Root Radius mm	m/tonne	Length/Bundle Based on 15.0m
300 x 90	40.1	300	90	16.0	8.0	14.0	24.94	8 = 4.812t
380 x 100	55.2	380	100	17.5	10.0	14.0	18.12	6 = 4.968t

Length range is 9.0m, 10.5m, 12.0m, 13.5m, 15.0m, 16.5m and 18.0m

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Universal Beams

Universal Beams - AS/NZS3679.1-300 (Light & Heavy)									
Designation Size mm	Term	Section Mass kg/m	Section Depth mm	Flange Width mm	Flange Thickness mm	Web Thickness mm	Root Radius mm	m/tonne	Length/Bundle Based on 12.0m
150 UB	Light Beams	14.0	150	75	7.0	5.0	8.0	71.43	24 = 4.032t
		18.0	155	75	9.5	6.0	8.0	55.56	20 = 4.320t
180 UB		16.1	173	90	7.0	4.5	8.9	62.11	20 = 3.860t
		18.1	175	90	8.0	5.0	8.9	55.25	20 = 4.344t
		22.2	179	90	10.0	6.0	8.9	45.05	16 = 4.262t
200 UB		18.2	198	99	7.0	4.5	11.0	54.95	22 = 4.805t
		22.3	202	133	7.0	5.0	8.9	44.84	18 = 4.820t
		25.4	203	133	7.8	5.8	8.9	39.37	16 = 4.685t
		29.8	207	134	9.6	6.3	8.9	33.56	12 = 4.290t
250 UB		25.7	248	124	8.0	5.0	12.0	38.91	16 = 4.935t
		31.4	252	146	8.6	6.1	8.9	31.85	12 = 4.522t
		37.3	256	146	10.9	6.4	8.9	26.81	10 = 4.476t
310 UB		32.0	298	149	8.0	5.5	13.0	31.25	12 = 4.608t
		40.4	304	165	10.2	6.1	11.4	24.75	10 = 4.848t
	46.2	307	166	11.8	6.7	11.4	21.65	8 = 4.436t	

Continued on next page...

Universal Beams - AS/NZS3679.1-300 (Light & Heavy)

Designation Size mm	Term	Section Mass kg/m	Section Depth mm	Flange Width mm	Flange Thickness mm	Web Thickness mm	Root Radius mm	m/tonne	Lens/bundle Based on 12.0m
360 UB	Light Beams	44.7	352	171	9.7	6.9	11.4	22.37	7 = 3.755t
		50.7	356	171	11.5	7.3	11.4	19.72	7 = 4.259t
		56.7	359	172	13.0	8.0	11.4	17.64	7 = 4.763t
410 UB		53.7	403	178	10.9	7.6	11.4	18.62	6 = 3.867t
		59.7	406	178	12.8	7.8	11.4	16.75	6 = 4.299t
460 UB		Heavy Beams	67.1	454	190	12.7	8.5	11.4	14.90
	74.6		457	190	14.5	9.1	11.4	13.40	5 = 4.476t
	82.1		460	191	16.0	9.9	11.4	12.18	5 = 4.926t
530 UB	82.0		528	209	13.2	9.6	14.0	12.20	5 = 4.920t
	92.4		533	209	15.6	10.2	14.0	10.82	4 = 4.436t
610 UB	101		602	228	14.8	10.6	14.0	9.90	3 = 3.636t
	113		607	228	17.3	11.2	14.0	8.85	3 = 4.060t
	125		612	229	19.6	11.9	14.0	8.00	3 = 4.500t

Length per bundle details may be subject to change at any time.

Universal Columns

Universal Columns - AS/NZS3679.1-300 (Light & Heavy)

Designation Size mm	Term	Section Mass kg/m	Section Depth mm	Flange Width mm	Flange Thickness mm	Web Thickness mm	Root Radius mm	m/tonne	Lens/bundle Based on 12.0m
100 UC	Light Columns	14.8	97	99	7.0	5.0	10.0	67.57	24 = 4.263t
150 UC		23.4	152	152	6.8	6.1	8.9	42.74	15 = 4.212t
		30.0	158	153	9.4	6.6	8.9	33.33	12 = 4.320t
		37.2	162	154	11.5	8.1	8.9	26.88	10 = 4.464t
200 UC		46.2	203	203	11.0	7.3	11.4	21.65	8 = 4.436t
		52.2	206	204	12.5	8.0	11.4	19.16	6 = 3.759t
		59.5	210	205	14.2	9.3	11.4	16.81	6 = 4.284t

Universal Columns - AS/NZS3679.1-300 (Light & Heavy)									
Designation Size mm	Term	Section Mass kg/m	Section Depth mm	Flange Width mm	Flange Thickness mm	Web Thickness mm	Root Radius mm	m/tonne	Lens/bundle Based on 12.0m
250 UC	Heavy Columns	72.9	254	254	14.2	8.6	14.0	13.72	4 = 3.500t
		89.5	260	256	17.3	10.5	14.0	11.17	4 = 4.296t
96.8		308	305	15.4	9.9	16.5	10.33	3 = 3.485t	
118		315	307	18.7	11.9	16.5	8.47	3 = 4.248t	
310 UC		137	321	309	21.7	13.8	16.5	7.30	3 = 4.932t
		158	327	311	25.0	15.7	16.5	6.33	2 = 3.792t

Length per bundle details may be subject to change at any time.

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Welded Beams

Welded Beams - AS/NZS3679.1-300								
Designation Size mm	Section Mass kg/m	Section Depth mm	Flange Width mm	Flange Thickness mm	Web Thickness mm	Depth Between Flanges mm	m/tonne	Standard Lengths For Range
700	115	692	250	16	10	660	8.70	9.0m 10.5m 12.0m 13.5m 15.0m 16.5m 18.0m
	130	700	250	20	10	660	7.69	
	150	710	250	25	10	660	6.67	
	173	718	275	28	10	660	5.78	
800	122	792	250	16	10	760	8.20	
	146	800	275	20	10	760	6.85	
	168	810	275	25	10	760	5.95	
	192	816	300	28	10	760	5.21	
900	175	900	300	20	12	860	5.71	
	218	910	350	25	12	860	4.59	
	257	916	400	28	12	860	3.89	
	282	924	400	32	12	860	3.55	

Continued on next page...

Welded Beams - AS/NZS3679.1-300								
Designation Size mm	Section Mass kg/m	Section Depth mm	Flange Width mm	Flange Thickness mm	Web Thickness mm	Depth Between Flanges mm	m/tonne	Standard Lengths For Range
1000	215	1000	300	20	16	960	4.65	9.0m 10.5m 12.0m 13.5m 15.0m 16.5m 18.0m
	258	1010	350	25	16	960	3.88	
	296	1016	400	28	16	960	3.38	
	322	1024	400	32	16	960	3.11	
1200	249	1170	275	25	16	1120	4.02	
	278	1170	350	25	16	1120	3.60	
	317	1176	400	28	16	1120	3.15	
	342	1184	400	32	16	1120	2.92	
	392	1184	500	32	16	1120	2.55	
	423	1192	500	36	16	1120	2.36	
	455	1200	500	40	16	1120	2.20	

Welded Columns

Welded Columns - AS/NZS3679.1-300								
Designation Size mm	Section Mass kg/m	Section Depth mm	Flange Width mm	Flange Thickness mm	Web Thickness mm	Depth Between Flanges mm	m/tonne	Standard Lengths For Range
350	197	331	350	28	20	275	5.08	9.0m 10.5m 12.0m 13.5m 15.0m 16.5m 18.0m
	230	339	350	32	25	275	4.35	
	258	347	350	36	28	275	3.88	
	280	355	350	40	28	275	3.57	
400	144	382	400	16	16	350	6.94	
	181	390	400	20	20	350	5.52	
	212	400	400	25	20	350	4.72	
	270	414	400	32	25	350	3.70	
	303	422	400	36	28	350	3.30	
	328	430	400	40	28	350	3.05	
	361	430	400	40	40	350	2.77	

Welded Columns - AS/NZS3679.1-300								
Designation Size mm	Section Mass kg/m	Section Depth mm	Flange Width mm	Flange Thickness mm	Web Thickness mm	Depth Between Flanges mm	m/tonne	Standard Lengths For Range
500	228	490	500	20	20	450	4.39	9.0m 10.5m 12.0m 13.5m 15.0m 16.5m 18.0m
	267	500	500	25	20	450	3.75	
	290	506	500	28	20	450	3.45	
	340	514	500	32	25	450	2.94	
	383	472	500	36	32	400	2.61	
	414	480	500	40	32	400	2.42	
	440	480	500	40	40	400	2.27	

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Processing Options

Plate

Plasma and Oxy Capabilities
CNC/CAD/CAM
Shape Development
Cones
Lobster Backs
Rumbled or hand cleaned
Smooth cut finish
Drilling
Bevelling

Aluminium

Slitting
Shearing
Guillotining
Router cutting
Laser cutting
Drilling
Marking
Sawing

*Please enquire with your local branch for your specific processing requirements

Sheet and Coil

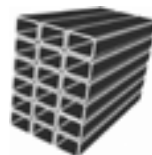
Slitting
Shearing
Guillotining
Re-Coiling

RHS Sections & Oval Sections



Square Section RHS

- Pack Information



Square Section RHS AS/NZS 1163 - C450L0 & C350L0									
Dimension d x b mm x mm	Thickness t mm	End Colour Codes	Mass/m Painted kg/m	Mass/m PreGal kg/m	Lengths/ Bundle 6.5m qty x m	Lengths/ Bundle 8.0m qty x m	Bundle Packed W x H	Bundle Size mm x mm	Bundle Weight t
20 x 20	1.6	Purple	0.873	0.873	96 x 6.5	-	12 x 8	240 x 160	0.545
	2.0	Yellow	1.05	1.05	96 x 6.5	-	12 x 8	240 x 160	0.655
25 x 25	1.6	Purple	1.12	1.12	100 x 6.5	-	10 x 10	250 x 250	0.731
	2.0	Yellow	1.36	1.36	100 x 6.5	-	10 x 10	250 x 250	0.886
	2.5	Pink	1.64	1.64	100 x 6.5	-	10 x 10	250 x 250	1.070
	3.0	Blue	1.89	1.89	100 x 6.5	-	10 x 10	250 x 250	1.230
30 x 30	1.6	Purple	1.38	1.38	-	100 x 8	10 x 10	300 x 300	1.100
	2.0	Yellow	1.68	1.68	-	100 x 8	10 x 10	300 x 300	1.340
	2.5	Pink	2.03	2.03	-	100 x 8	10 x 10	300 x 300	1.630
	3.0	Blue	2.36	2.36	-	64 x 8	8 x 8	240 x 240	1.210
35 x 35	1.6	Purple	1.63	1.63	-	100 x 8	10 x 10	350 x 350	1.300
	2.0	Yellow	1.99	1.99	-	100 x 8	10 x 10	350 x 350	1.590
	2.5	Pink	2.42	2.42	-	64 x 8	8 x 8	280 x 280	1.240
	3.0	Blue	2.83	2.83	-	64 x 8	8 x 8	280 x 280	1.450
40 x 40	1.6	Purple	1.88	1.88	-	81 x 8	9 x 9	360 x 360	1.220
	2.0	Yellow	2.31	2.31	-	81 x 8	9 x 9	360 x 360	1.490
	2.5	Pink	2.82	2.82	-	64 x 8	8 x 8	320 x 320	1.440
	3.0	Blue	3.30	3.30	-	64 x 8	8 x 8	320 x 320	1.690
	4.0	Green	4.09	4.09	-	49 x 8	7 x 7	280 x 280	1.600
50 x 50	1.6	Purple	2.38	2.38	-	64 x 8	8 x 8	400 x 400	1.220
	2.0	Yellow	2.93	2.93	-	64 x 8	8 x 8	400 x 400	1.500
	2.5	Pink	3.60	3.60	-	49 x 8	7 x 7	350 x 350	1.410
	3.0	Blue	4.25	4.25	-	49 x 8	7 x 7	350 x 350	1.660
	4.0	Green	5.35	5.35	-	36 x 8	6 x 6	300 x 300	1.540
	5.0	Orange	6.39	6.39	-	30 x 8	6 x 5	300 x 250	1.530
	6.0	White	7.32	DuraGal® only	-	25 x 8	5 x 5	250 x 250	1.465

Continued on next page...

**Square Section RHS
AS/NZS 1163 - C450L0 & C350L0**

Dimension d x b mm x mm	Thickness t mm	End Colour Codes	Mass/m Painted kg/m	Mass/m PreGal kg/m	Lengths/ Bundle 6.5m qty x m	Lengths/ Bundle 8.0m qty x m	Bundle Packed W x H	Bundle Size mm x mm	Bundle Weight t
65 x 65	1.6	Purple	3.13	3.13	-	49 x 8	7 x 7	455 x 455	1.230
	2.0	Yellow	3.88	3.88	-	42 x 8	6 x 7	390 x 455	1.300
	2.5	Pink	4.78	4.78	-	42 x 8	6 x 7	390 x 455	1.610
	3.0	Blue	5.66	5.66	-	36 x 8	6 x 6	390 x 390	1.630
	4.0	Green	7.25	7.25	-	30 x 8	6 x 5	390 x 325	1.741
	5.0	Orange	8.75	8.75	-	25 x 8	5 x 5	325 x 325	1.750
	6.0	White	10.1	DuraGal® only		20 x 8	5 x 4	325 x 260	1.620
75 x 75	2.0#	Yellow	4.50	4.50	-	36 x 8	6 x 6	450 x 450	1.300
	2.5	Pink	5.56	5.56	-	30 x 8	6 x 5	450 x 375	1.340
	3.0	Blue	6.60	6.60	-	30 x 8	6 x 5	450 x 375	1.580
	3.5	Grey	7.53	7.53	-	25 x 8	5 x 5	375 x 375	1.510
	4.0	Green	8.49	8.49	-	25 x 8	5 x 5	375 x 375	1.700
	5.0	Orange	10.3	10.3	-	20 x 8	5 x 4	375 x 300	1.650
	6.0	White	12.0	DuraGal® only		16 x 8	4 x 4	300 x 300	1.540
89 x 89	2.0	Yellow	5.38	5.38	-	20 x 8	5 x 4	445 x 356	0.861
	3.5	Grey	9.07	9.07	-	20 x 8	5 x 4	445 x 356	1.450
	5.0	Orange	12.5	12.5	-	16 x 8	4 x 4	356 x 356	1.600
	6.0	White	14.7	14.7	-	12 x 8	4 x 3	356 x 267	1.410

NB. The corner radii may vary between manufacturers.

*Quantities may vary between manufactures.

Square Section RHS - Pack Information



Square Section RHS AS/NZS 1163 - C450L0 and C350L0									
Dimension d x b mm x mm	Thickness t mm	End Colour Codes	Mass/m Painted kg/m	Mass/m Pre-Gal kg/m	Lengths/ Bundle 8.0m qty x m	Lengths/ Bundle 12m qty x m	Bundle Pack 8m W x H	Bundle Size 8.0m mm x mm	Bundle Weight t - 8.0m
90 x 90	2.0	Yellow	5.45	DuraGal®	20 x 8	n/a	5 x 4	450 x 360	0.871
	2.5	Pink	6.74	DuraGal®	20 x 8	n/a	5 x 4	450 x 360	1.080
	2.0	Yellow	6.07	DuraGal®	20 x 8	n/a	5 x 4	500 x 400	0.972
	2.5	Pink	7.53	7.53	20 x 8	n/a	5 x 4	500 x 400	1.200
	3.0	Blue	8.96	8.96	20 x 8	16 x 12	5 x 4	500 x 400	1.434
	4.0	Green	11.6	11.6	16 x 8	12 x 12	4 x 4	400 x 400	1.490
100 x 100	5.0	Orange	14.2	14.2	12 x 8	9 x 12	4 x 3	400 x 300	1.370
	6.0	White	16.7	DuraGal®	12 x 8	9 x 12	4 x 3	400 x 300	1.610
	9.0	Purple	23.5	n/a	9 x 8	6 x 12	3 x 3	300 x 300	1.690
125 x 125	4.0	Green	14.8	14.8	12 x 8	9 x 12	4 x 3	500 x 375	1.420
	5.0	Orange	18.2	18.2	12 x 8	9 x 12	4 x 3	500 x 375	1.740
	6.0	White	21.4	n/a	9 x 8	6 x 12	3 x 3	375 x 375	1.540
	9.0	Purple	30.6	n/a	8 x 8	4 x 12	4 x 2	500 x 250	1.960
150 x 150	5.0	Orange	22.1	n/a	9 x 8	6 x 12	3 x 3	450 x 450	1.590
	6.0	White	26.2	n/a	6 x 8	6 x 12	3 x 2	450 x 300	1.260
	9.0	Purple	37.7	n/a	6 x 8	4 x 12	3 x 2	450 x 300	1.810
200 x 200	5.0	Orange	29.9	n/a	6 x 8	4 x 12	3 x 2	600 x 400	1.440
	6.0	White	35.6	n/a	4 x 8	4 x 12	2 x 2	400 x 400	1.140
	8.0	Red	46.5	n/a	4 x 8	2 x 12	2 x 2	400 x 400	1.490
	9.0	Purple	51.8	n/a	4 x 8	2 x 12	2 x 2	400 x 400	1.660
Materials listed below are based on the lengths being supplied in 12.0m only.									
100 x 100	8.0	Red	21.4	n/a	n/a	6 x 12	3 x 2	300 x 200	1.540
	10.0	Yellow	25.6	n/a	n/a	6 x 12	3 x 2	300 x 200	1.840
125 x 125	6.0	White	21.4	n/a	n/a	6 x 12	3 x 2	450 x 300	1.541
	8.0	Red	27.7	n/a	n/a	4 x 12	2 x 2	250 x 250	1.330
	10.0	Yellow	33.4	n/a	n/a	4 x 12	2 x 2	250 x 250	1.600

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**Square Section RHS
AS/NZS 1163 - C450L0 and C350L0**

Dimension d x b mm x mm	Thickness t mm	End Colour Codes	Mass/m Painted kg/m	Mass/m PreGal kg/m	Lengths/ Bundle 8.0m qty x m	Lengths/ Bundle 12m qty x m	Bundle Pack 8m W x H	Bundle Size 8.0m mm x mm	Bundle Weight t - 8.0m
150 x 150	8.0	Red	33.9	n/a	n/a	4 x 12	2 x 2	300 x 300	1.630
	10.0	Yellow	41.3	n/a	n/a	2 x 12	2 x 1	150 x 300	0.990
200 x 200	10.0	Yellow	57.0	n/a	n/a	2 x 12	2 x 1	400 x 200	1.370
	12.5	Blue	69.4	n/a	n/a	2 x 12	2 x 1	400 x 200	1.670
	16.0	Grey	85.5	n/a	n/a	1 x 12	1 x 1	200 x 200	1.030
250 x 250	6.0	White	45.0	n/a	n/a	2 x 12	2 x 1	500 x 250	1.080
	8.0	Red	59.1	n/a	n/a	2 x 12	2 x 1	500 x 250	1.420
	9.0	Purple	65.9	n/a	n/a	2 x 12	2 x 1	500 x 250	1.580
	10.0	Yellow	72.7	n/a	n/a	2 x 12	2 x 1	500 x 250	1.740
	12.5	Blue	89.0	n/a	n/a	1 x 12	1 x 1	250 x 250	1.070
	16.0	Grey	111.0	n/a	n/a	1 x 12	1 x 1	250 x 250	1.330
300 x 300	8.0	Red	71.6	n/a	n/a	1 x 12	1 x 1	300 x 300	0.860
	10.0	Yellow	88.4	n/a	n/a	1 x 12	1 x 1	300 x 300	1.060
	12.5	Blue	109.0	n/a	n/a	1 x 12	1 x 1	300 x 300	1.300
	16.0	Grey	136.0	n/a	n/a	1 x 12	1 x 1	300 x 300	1.630
350 x 350	8.0	Red	84.2	n/a	n/a	1 x 12	1 x 1	350 x 350	1.010
	10.0	Yellow	104.0	n/a	n/a	1 x 12	1 x 1	350 x 350	1.250
	12.5	Blue	128.0	n/a	n/a	1 x 12	1 x 1	350 x 350	1.540
	16.0	Grey	161.0	n/a	n/a	1 x 12	1 x 1	350 x 350	1.930
400 x 400	10.0	Yellow	120.0	n/a	n/a	1 x 12	1 x 1	400 x 400	1.440
	12.5	Blue	148.0	n/a	n/a	1 x 12	1 x 1	400 x 400	1.770
	16.0	Grey	186.0	n/a	n/a	1 x 12	1 x 1	400 x 400	2.230

Rectangular Section RHS - Pack Information



Rectangular Section RHS AS/NZS 1163 - C450 & C350L0									
Dimension d x b mm x mm	Thickness t mm	End Colour Codes	Mass/m Painted kg/m	Mass/m PreGal kg/m	Lengths/ Bundle 8.0m qty x m	Lengths/ Bundle 12m qty x m	Bundle Pack 8m W x H	Bundle Size 8.0m mm x mm	Bundle Weight t - 8.0m
50 x 20	1.6	Purple	1.63	1.63	96 x 8	n/a	8 x 12	400 x 240	1.250
	2.0	Yellow	1.99	1.99	96 x 8	n/a	8 x 12	400 x 240	1.530
	2.5	Pink	2.42	2.42	72 x 8	n/a	6 x 12	300 x 240	1.400
	3.0	Blue	2.83	2.83	72 x 8	n/a	6 x 12	300 x 240	1.630
50 x 25	1.6	Purple	1.75	1.75	96 x 8	n/a	8 x 12	400 x 300	1.350
	2.0	Yellow	2.15	2.15	96 x 8	n/a	8 x 12	400 x 300	1.650
	2.5	Pink	2.62	2.62	72 x 8	n/a	6 x 12	300 x 300	1.510
	3.0	Blue	3.07	3.07	60 x 8	n/a	6 x 10	300 x 250	1.470
65 x 35	2.0	Yellow	2.93	2.93	54 x 8	n/a	6 x 9	390 x 315	1.270
	2.5	Pink	3.60	3.60	54 x 8	n/a	6 x 9	390 x 315	1.560
	3.0	Blue	4.25	4.25	45 x 8	n/a	5 x 9	325 x 315	1.530
	4.0	Green	5.35	5.35	35 x 8	n/a	5 x 7	325 x 245	1.500
75 x 25	1.6	Purple	2.38	2.38	65 x 8	n/a	5 x 13	375 x 325	1.240
	2.0	Yellow	2.93	2.93	65 x 8	n/a	5 x 13	375 x 325	1.530
	2.5	Pink	3.60	3.60	48 x 8	n/a	4 x 12	300 x 300	1.380
75 x 50	1.6	Purple	3.01	3.01	54 x 8	54 x 12	6 x 9	450 x 350	1.010
	2.0	Yellow	3.72	3.72	42 x 8	42 x 12	6 x 7	450 x 350	1.250
	2.5	Pink	4.58	4.58	42 x 8	n/a	6 x 7	450 x 350	1.540
	3.0	Blue	5.42	5.42	35 x 8	24 x 12	5 x 7	375 x 350	1.520
	4.0	Green	6.92	6.92	28 x 8	24 x 12	4 x 7	300 x 350	1.550
	5.0	Orange	8.35	8.35	24 x 8	n/a	4 x 6	300 x 300	1.600
	6.0	White	9.67	9.67	20 x 8	n/a	4 x 5	300 x 250	1.550

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**Rectangular Section RHS
AS/NZS 1163 - C450 & C350L0**

Dimension d x b mm x mm	Thickness t mm	End Colour Codes	Mass/m Painted kg/m	Mass/m PreGal kg/m	Lengths/ Bundle 8.0m qty x m	Lengths/ Bundle 12m qty x m	Bundle Pack 8m W x H	Bundle Size 8.0m mm x mm	Bundle Weight t - 8.0m
76 x 38	1.6	Purple	n/a	2.73	50 x 8	n/a	5 x 10	380 x 380	1.095
	2.0	Yellow	3.37	n/a	56 x 8	n/a	7 x 8	532 x 304	1.510
	2.5	Pink	4.15	n/a	45 x 8	n/a	5 x 9	380 x 342	1.490
	3.0	Blue	4.90	n/a	40 x 8	n/a	4 x 10	304 x 380	1.570
	4.0	Green	6.23	n/a	32 x 8	n/a	4 x 8	304 x 304	1.590
100 x 50	1.6	Purple	3.64	3.64	32 x 8	32 x 12	4 x 8	400 x 400	0.931
	2.0	Yellow	4.50	4.50	32 x 8	32 x 12	4 x 8	400 x 400	1.150
	2.5	Pink	5.56	5.56	32 x 8	24 x 12	4 x 8	400 x 400	1.420
	3.0	Blue	6.60	6.60	32 x 8	24 x 12	4 x 8	400 x 400	1.690
	3.5	Grey	7.53	7.53	24 x 8	18 x 12	4 x 6	400 x 300	1.450
	4.0	Green	8.49	8.49	24 x 8	18 x 12	4 x 6	400 x 300	1.630
	5.0	Orange	10.3	10.3	18 x 8	15 x 12	3 x 6	300 x 300	1.490
	6.0	White	12.0	12.0	15 x 8	12 x 12	3 x 5	300 x 250	1.440
102 x 76	3.5	Grey	9.06	n/a	12 x 8	n/a	3 x 4	306 x 304	0.870
	5.0	Orange	12.5	n/a	9 x 8	n/a	3 x 3	306 x 228	0.901
	6.0	White	14.7	n/a	6 x 8	n/a	3 x 2	306 x 152	0.704
125 x 75	2.0	Yellow	6.07	6.07	24 x 8	n/a	4 x 6	500 x 450	1.170
	2.5	Pink	7.53	7.53	24 x 8	20 x 12	4 x 6	500 x 450	1.450
	3.0	Blue	8.96	8.96	20 x 8	15 x 12	4 x 5	500 x 375	1.430
	4.0	Green	11.6	11.6	15 x 8	15 x 12	3 x 5	375 x 375	1.400
	5.0	Orange	14.2	14.2	15 x 8	12 x 12	3 x 5	375 x 375	1.710
	6.0	White	16.7	16.7	12 x 8	6 x 12	3 x 4	375 x 300	1.610
127 x 51	3.5	Grey	9.07	9.07	12 x 8	n/a	3 x 4	381 x 204	0.870
	5.0	Orange	12.5	12.5	8 x 8	n/a	2 x 4	254 x 204	0.801
	6.0	White	14.7	14.7	8 x 8	n/a	2 x 4	254 x 204	0.939

Rectangular Section RHS

- Pack Information



Rectangular Section RHS AS/NZS 1163 - C450L0 and C350L0									
Dimension d x b mm x mm	Thickness t mm	End Colour Codes	Mass/m Painted kg/m	Mass/m PreGal kg/m	Lengths/ Bundle 8.0m qty x m	Lengths/Bundle 12m qty x m	Bundle Pack 8m W x H	Bundle Size 8.0m mm x mm	Bundle Weight t - 8.0m
150 x 50	2.0	Yellow	6.07	6.07	21 x 8	21 x 12	3 x 7	450 x 350	1.020
	2.5	Pink	7.53	7.53	24 x 8	21 x 12	3 x 7	450 x 400	1.450
	3.0	Blue	8.96	8.96	21 x 8	15 x 12	3 x 7	450 x 350	1.490
	4.0	Green	11.6	11.6	15 x 8	15 x 12	3 x 5	450 x 250	1.400
	5.0	Orange	14.2	14.2	15 x 8	9 x 12	3 x 5	450 x 250	1.710
	6.0	Cream	16.7	DuraGal®	15 x 8	9 x 12	3 x 5	450 x 250	2.010
150 x 100	3.0	Blue	11.3	11.3	12 x 8	12 x 8	3 x 4	450 x 400	1.086
	4.0	Green	14.8	14.8	12 x 8	9 x 12	3 x 4	450 x 400	1.420
	5.0	Orange	18.2	18.2	12 x 8	8 x 12	3 x 4	450 x 400	1.740
	6.0	Cream	21.4	n/a	9 x 8	6 x 12	3 x 3	450 x 300	1.540
	9.0	Purple	30.6	n/a	6 x 8	4 x 12	2 x 3	300 x 300	1.470
152 x 76	5.0	Green	16.5	n/a	6 x 8	4 x 12	2 x 3	304 x 228	0.792
	6.0	Orange	19.4	n/a	6 x 8	6 x 12	2 x 3	304 x 228	0.930
200 x 100	4.0	Green	17.9	n/a	8 x 8	6 x 12	2 x 4	400 x 400	1.150
	5.0	Orange	22.1	n/a	8 x 8	6 x 12	2 x 4	400 x 400	1.410
	6.0	Cream	26.2	n/a	8 x 8	4 x 12	2 x 4	400 x 400	1.670
250 x 150	5.0	Orange	29.9	n/a	6 x 8	4 x 12	2 x 3	500 x 450	1.440
	6.0	Cream	35.6	n/a	4 x 8	4 x 12	2 x 2	500 x 300	1.140
	8.0	Red	46.5	n/a	4 x 8	2 x 12	2 x 2	500 x 300	1.490
	9.0	Purple	51.8	n/a	4 x 8	2 x 12	2 x 2	500 x 300	1.660
Materials listed below are based on the lengths being supplied in 12.0m only.									
150 x 100	8.0	Red	27.7	n/a	n/a	4 x 12	2 x 2	300 x 200	1.330
	10.0	Yellow	33.4	n/a	n/a	4 x 12	2 x 2	300 x 200	1.600

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**Rectangular Section RHS
AS/NZS 1163 - C450L0 and C350L0**

Dimension d x b mm x mm	Thickness t mm	End Colour Codes	Mass/m Painted kg/m	Mass/m PreGal kg/m	Lengths/ Bundle 8.0m qty x m	Lengths/Bundle 12m qty x m	Bundle Pack 8m W x H	Bundle Size 8.0m mm x mm	Bundle Weight t - 8.0m
200 x 100	8.0	Red	33.9	n/a	n/a	4 x 12	2 x 2	400 x 300	1.630
	9.0	Purple	37.7	n/a	n/a	4 x 12	2 x 2	400 x 300	1.810
250 x 150	10.0	Yellow	57.0	n/a	n/a	2 x 12	1 x 2	250 x 300	1.370
	12.5	Blue	69.4	n/a	n/a	2 x 12	1 x 2	250 x 300	1.670
	16.0	Grey	85.5	n/a	n/a	1 x 12	1 x 1	250 x 150	1.030
300 x 200	6.0	Cream	45.0	n/a	n/a	2 x 12	1 x 2	600 x 200	1.080
	8.0	Red	59.1	n/a	n/a	2 x 12	1 x 2	600 x 200	1.420
	9.0	Purple	65.9	n/a	n/a	2 x 12	1 x 2	600 x 200	1.582
	10.0	Yellow	72.7	n/a	n/a	2 x 12	1 x 2	600 x 200	1.740
	12.5	Blue	89.0	n/a	n/a	1 x 12	1 x 1	300 x 200	1.070
	16.0	Grey	111	n/a	n/a	1 x 12	1 x 1	300 x 200	1.330
350 x 250	8.0	Red	71.6	n/a	n/a	2 x 12	1 x 2	700 x 250	1.720
	10.0	Yellow	88.4	n/a	n/a	1 x 12	1 x 1	350 x 250	1.060
	12.5	Blue	109	n/a	n/a	1 x 12	1 x 1	350 x 250	1.300
	16.0	Grey	136	n/a	n/a	1 x 12	1 x 1	350 x 250	1.630
400 x 200	8.0	Red	71.6	n/a	n/a	2 x 12	1 x 2	400 x 400	1.720
	10.0	Yellow	88.4	n/a	n/a	1 x 12	1 x 1	400 x 200	1.060
	12.5	Blue	109	n/a	n/a	1 x 12	1 x 1	400 x 200	1.300
	16.0	Grey	136	n/a	n/a	1 x 12	1 x 1	400 x 200	1.630
400 x 300	8.0	Red	84.2	n/a	n/a	1 x 12	1 x 1	400 x 300	1.010
	10.0	Yellow	104	n/a	n/a	1 x 12	1 x 1	400 x 300	1.250
	12.5	Blue	128	n/a	n/a	1 x 12	1 x 1	400 x 300	1.540
	16.0	Grey	161	n/a	n/a	1 x 12	1 x 1	400 x 300	1.930

Yard Rail/StockRail/ Flat Sided Post



Yard Rail/StockRail AS/NZS 1163 - C350L0				
Dimension d x b mm x mm	Thickness t mm	Mass kg/m & Finish		Lengths/Bundle qty x m
		Ptd	PreGal	
52 x 25	1.6	1.61	1.61	48 x 6.1
	2.0	1.99	1.99	48 x 6.1
53 x 35	1.6	1.84	1.84	48 x 6.1
59 x 30	1.6	1.84	1.84	48 x 6.1
	2.0	2.28	2.28	48 x 6.1
66 x 44	1.6	2.32	2.32	25 x 6.1
	2.0	3.22	3.22	25 x 6.1
75 x 40	1.6	2.46	2.46	20 x 6.1
	2.0	2.99	2.99	20 x 6.1
	2.5	3.60	3.60	32 x 6.1
85 x 48	3.2	6.08	6.08	28 x 6.1
97 x 42	2.0	3.65	3.65	21 x 6.1
	2.5	4.53	4.53	21 x 6.1
108 x 38	2.0	3.85	3.85	21 x 6.1
115 x 42	2.0	4.27	4.27	21 x 6.1
	2.5	5.33	5.33	21 x 6.1
120 x 48	2.0	n/a	4.53	18 x 6.0
124 x 42	2.0	4.50	4.50	21 x 6.1

- Non standard sizes, surface finish & lengths available, subject to enquiry.
- Minimum order quantities [MOQ's] apply.

Rail Joiners, Clips & Caps



Quick Fit Joiners & Rail Clips (115 Rail Only)				
Suits 115 x 42 SAP Code	Section	Thickness and Length	Finish	Quantity per Box. Mass - kg.
196970	Caps	1.6 mm	GalvaBond	n/a
191938	Joiners	75 mm	GalvaBond	20 = 6.6kg.
200075	Clips	220mm	PreGal	n/a

Flat Sided (Post)



Flat Sided Round (Post) AS/NZS 1163 - C350L0				
Dimension d x b mm x mm	Thickness t mm	Finish		Lengths/Bundle qty x m
		Ptd	PreGal	
62 x 50	2.0	2.88	2.88	25 x 6.1
80 x 61	2.0	3.65	3.65	25 x 6.1

- Minimum order quantities [MOQ's] apply.

Avoiding White Rust on Zinc Coated (PreGal) Products

When "Gal" products are being handled, care must be taken to protect the coating. If the "Gal" coating does become damaged, the area should be cleaned and recoated with a zinc rich paint. Commercial products for this purpose may be available at some outlets.

The "Gal" product should be stored in a dry place. This is essential if the product is to be stored in packs and over a long period.

If rust is observed on the product, the rust should be removed and a zinc rich paint applied to the damaged area.

White rust can be removed with a high pressure water cleaner, scrubbing brush or soft scouring pad.

Kerosene is also a good agent for the removal of white rust on some products. It is advisable to always test a small sample of the product to be cleaned, first.

However, heavy red rust must be removed with a wire brush or sandpaper before applying a zinc rich paint to the damaged area.

Important Information for Powder Coaters

Bubbling of the coating may occur when trying to powder coat galvanized sections that have had heavy white rust removed. This bubbling can occur at any spot where there is surface roughness after the white rust has been removed.

To overcome this problem, first wipe with a weak phosphoric acid solution then rinse with clean water and dry before coating.

It is also recommended by all Hot Dipped galvanizers and Inline galvanizers, that these products be degassed first before the powder coating process. This will eliminate any product appearing with small pin holes or craters in the final powder coated finish.

It is important to note here also, that "Gal" products, are rolled by the various mills as a structural section to AS1163 or as above and are not rolled or offered in any way as a precision tube.

While powder coating of these products may be achieved, any imperfections in the rolled surfaces may be multiplied and as such, the finished powder coated surface finish may not be acceptable to the end user.

If such high quality powder coated finishes are required, it may be necessary to source an alternative product for this purpose.

It is also suggested that if a high quality finish is required, a sample of the powder coated product be tried before attempting a full production run for the end user.

Telescoping SHS/ RHS Sections



Square Sections						
Female - Dimension			Clearance		Male Dimension	
d mm	b mm	t mm	Top mm	Side mm	d mm	b mm
20	20	1.6	1.8	1.8	15	15
25	25	1.6	1.8	1.8	20	20
25	25	2.0	1.0	1.0	20	20
30	30	1.6	1.8	1.8	25	25
30	30	2.0	1.0	1.0	25	25
35	35	1.6	1.8	1.8	30	30
35	35	2.0	1.0	1.0	30	30
40	40	1.6	1.8	1.8	35	35
40	40	2.0	1.0	1.0	35	35
50	50	1.6	6.8	6.8	40	40
50	50	2.0	6.0	6.0	40	40
50	50	2.5	5.0	5.0	40	40
50	50	3.0	4.0	4.0	40	40
50	50	4.0	2.0	2.0	40	40

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Square Sections						
Female - Dimension			Clearance		Male Dimension	
d mm	b mm	t mm	Top mm	Side mm	d mm	b mm
65	65	1.6	11.8	11.8	50	50
65	65	2.0	11.0	11.0	50	50
65	65	2.5	10.0	10.0	50	50
65	65	3.0	9.0	9.0	50	50
65	65	4.0	7.0	7.0	50	50
65	65	5.0	5.0	5.0	50	50
65	65	6.0	3.0	3.0	50	50
75	75	2.0	6.0	6.0	65	65
75	75	2.5	5.0	5.0	65	65
75	75	3.0	4.0	4.0	65	65
75	75	3.5	3.0	3.0	65	65
75	75	4.0	2.0	2.0	65	65
89	89	3.5	6.9	6.9	75	75
89	89	5.0	3.9	3.9	75	75
89	89	6.0	1.9	1.9	75	75
100	100	3.0	4.0	4.0	89	89
100	100	4.0	2.0	2.0	89	89
125	125	4.0	17.0	17.0	100	100
150	150	5.0	15.0	15.0	125	125
150	150	6.0	13.0	13.0	125	125
200	200	5.0	40.0	40.0	150	150
200	200	6.0	38.0	38.0	150	150
250	250	6.0	38.0	38.0	200	200

Rectangular Sections						
Female - Dimension			Clearance		Male Dimension	
d mm	b mm	t mm	Top mm	Side mm	d mm	b mm
65	35	2.0	11.0	6.0	50	25
65	35	2.5	10.0	5.0	50	25
65	35	3.0	9.0	4.0	50	25
65	35	4.0	7.0	2.0	50	25

Rectangular Sections

Female - Dimension			Clearance		Male Dimension	
d mm	b mm	t mm	Top mm	Side mm	d mm	b mm
75	50	2.0	6.0	11.0	65	35
75	50	2.5	5.0	10.0	65	35
75	50	3.0	4.0	9.0	65	35
75	50	4.0	2.0	7.0	65	35
100	50	2.0	21.0	21.0	75	25
100	50	2.5	20.0	20.0	75	25
100	50	3.0	19.0	19.0	75	25
100	50	3.5	18.0	18.0	75	25
100	50	4.0	17.0	17.0	75	25
100	50	2.0	31.0	11.0	65	35
100	50	2.5	30.0	10.0	65	35
100	50	3.0	29.0	9.0	65	35
100	50	3.5	28.0	8.0	65	35
100	50	4.0	27.0	7.0	65	35
100	50	5.0	25.0	5.0	65	35
100	50	6.0	23.0	3.0	65	35
125	75	3.0	19.0	19.0	100	50
125	75	4.0	17.0	17.0	100	50
125	75	5.0	15.0	15.0	100	50
125	75	6.0	13.0	13.0	100	50
150	100	4.0	17.0	17.0	125	75
150	100	5.0	15.0	15.0	125	75
150	100	6.0	13.0	13.0	125	75
200	100	4.0	42.0	42.0	150	50
200	100	5.0	40.0	40.0	150	50
200	100	6.0	38.0	38.0	150	50
250	150	5.0	40.0	40.0	200	100
250	150	6.0	38.0	38.0	200	100

Please note, SHS/RHS are not precision tubes.

While in accordance with specifications; dimensions may vary marginally, particularly corner radii.

Continued on next page...

Comments:- How to best use this chart.

To use this chart, first take the outer (Female) SHS/RHS size you require. Then subtract $2 \times t + 1$ mm away from this size.

From the chart above, select an inner size (Male) SHS/RHS that comes close to your requirements, and the desired clearance.

Remember that all SHS/RHS made under the ERW method of production will have an internal weld bead of approximately 1.0 mm in height.

Not all available sizes of SHS/RHS could be listed due to page size limitations.

Another factor that must be considered is the corner radii as these may differ somewhat between each tubular manufacturer.

AllGal Profiles

Including R3 Rated Lintels Δ



FLATS - TS100 @6.0m		
Size mm x mm	Mass kg/m	Pack Quantity
50 x 4.0	1.49	57
50 x 5.0	1.84	45
65 x 4.0	1.94	44
65 x 5.0	2.40	36
75 x 5.0	2.24	38
75 x 5.0	2.77	32
90 x 6.0	4.24	26
100 x 4.0	2.98	28
100 x 5.0	3.69	28
100 x 6.0	4.71	26
100 x 8.0	6.28	22
130 x 5.0	4.80	28
150 x 5.0	5.53	28
150 x 6.0	7.07	24
150 x 8.0	9.42	22
200 x 5.0	7.38	32
200 x 6.0	9.42	28
200 x 8.0	12.6	22
250 x 5.0	9.22	23
250 x 8.0	15.7	16
300 x 5.0	11.1	19
300 x 8.0	18.8	12

CHANNELS - TS100 @ 9.0m		
Size mm x mm	Mass kg/m	Pack Quantity
75 x 40 x 4.0	4.25	18
100 x 50 x 4.0	5.59	18
125 x 65 x 4.0	7.23	18
CHANNELS - TS100 @ 12.0m		
150 x 75 x 5.0	10.5	12
180 x 75 x 5.0	11.6	12
200 x 75 x 5.0	12.4	12
200 x 75 x 6.0	15.5	12
230 x 75 x 6.0	16.9	12
250 x 90 x 6.0	19.2	8
300 x 90 x 6.0	21.6	6
300 x 90 x 8.0	28.5	6

R3 Rated LINTELS - TS100 @ 9.0m			
Legend	Size mm x mm	Mass kg/m	Pack Quantity
△	75 x 75 x 6.0	6.56	18
△	75 x 75 x 8.0	8.59	18
△	90 x 90 x 6.0	7.87	18
△	90 x 90 x 8.0	10.5	18
△	100 x 100 x 6.0	8.92	16
△	100 x 100 x 8.0	11.7	14
△	100 x 75 x 6.0	7.74	16
△	100 x 75 x 8.0	10.16	16
△	125 x 75 x 6.0	8.92	16
△	125 x 75 x 8.0	11.73	16
△	150 x 90 x 8.0	14.25	16
△	150 x 100 x 6.0	11.3	16
△	150 x 100 x 8.0	14.9	12

EQUAL ANGLES - TS100 @ 6.0m

Size mm x mm x mm	Mass kg/m	Pack Quantity
30 x 30 x 2.5	1.06	80
40 x 40 x 2.5	1.43	60
40 x 40 x 4.0	2.20	39
45 x 45 x 2.5	1.62	54
45 x 45 x 4.0	2.50	36
50 x 50 x 2.5	1.81	33
50 x 50 x 4.0	2.79	27
50 x 50 x 5.0	3.42	24

EQUAL ANGLES - TS100 @ 9.0m

50 x 50 x 2.5	1.81	33
50 x 50 x 4.0	2.79	27
50 x 50 x 5.0	3.42	24
50 x 50 x 6.0	4.21	22
65 x 65 x 4.0	3.69	22
65 x 65 x 5.0	4.52	22
65 x 65 x 6.0	5.62	18
75 x 75 x 4.0	4.29	22
75 x 75 x 5.0	5.26	22
75 x 75 x 6.0	6.56	18
75 x 75 x 8.0	8.59	18
90 x 90 x 5.0	6.37	22
90 x 90 x 8.0	10.5	18

EQUAL ANGLES - TS100 @ 12.0m

100 x 100 x 6.0	8.92	16
100 x 100 x 8.0	11.7	14
125 x 125 x 4.0	7.27	20
125 x 125 x 5.0	8.95	18
125 x 125 x 8.0	14.9	12
150 x 150 x 5.0	10.8	18
150 x 150 x 6.0	13.6	16
150 x 150 x 8.0	18.0	12

UNEQUAL ANGLES - TS100 @ 9.0m			
Size mm x mm x mm	Mass kg/m	Pack Quantity	DuraGal Ultra Availability
75 x 50 x 4.0	3.5	22	✘
75 x 50 x 5.0	4.3	20	✘
75 x 50 x 6.0	5.4	18	✘
UNEQUAL ANGLES - TS100 @ 12.0m			
100 x 75 x 6.0	7.74	16	✘
100 x 75 x 8.0	10.16	16	✘
125 x 75 x 6.0	8.92	16	✘
125 x 75 x 8.0	11.7	16	✘
150 x 100 x 6.0	11.3	16	✘
150 x 100 x 8.0	14.9	12	✓

✓ Items marked are generally ex stock. Grades:-
Grade 450MPa thicknesses 4mm to 6mm. Grade
400MPa thickness 8mm.

✘ Items marked require minimum order quantity
(from the mill) Non Standard lengths minimum
order quantity is 5 packs.

Subject to availability. Please enquire with Branch for more information

E.R.W. Tubing



Precision ERW Products - Round Tubes				
Rounds O.D. x wt	Mass kg/m	Sling Qty	Finish	
			SEMB	MSGB
12.7 x 0.9	0.262	270	n/a	✓
12.7 x 1.2	0.340	270	✓	n/a
12.7 x 1.6	0.438	270	✓	n/a
16.0 x 1.2	0.438	217	✓	✓
16.0 x 1.6	0.568	217	✓	✓
16.0 x 2.0	0.691	217	✓	n/a

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Precision ERW Products - Round Tubes

Rounds O.D. x wt	Mass kg/m	Sling Qty	Finish	
			SEMB	MSGB
19.0 x 0.9	0.402	169	n/a	✓
19.0 x 1.2	0.527	169	✓	✓
19.0 x 1.4	0.608	169	✓	n/a
19.0 x 1.6	0.687	169	✓	✓
19.0 x 2.0	0.838	169	✓	n/a
19.0 x 2.5	1.017	169	n/a	✓
22.2 x 0.9	0.473	127	✓	✓
22.2 x 1.2	0.621	127	✓	n/a
22.2 x 1.4	0.718	127	✓	n/a
22.2 x 1.6	0.813	127	✓	n/a
25.4 x 0.9	0.544	91	n/a	✓
25.4 x 1.2	0.716	91	✓	n/a
25.4 x 1.4	0.829	91	✓	n/a
25.4 x 1.6	0.939	91	✓	✓
25.4 x 2.0	1.154	91	✓	✓
28.6 x 1.2	0.811	61	✓	✓
28.6 x 1.6	1.065	61	✓	✓
31.8 x 1.2	0.906	61	✓	n/a
31.8 x 1.6	1.192	61	✓	✓
31.8 x 2.0	1.470	61	✓	n/a
35.0 x 1.2	1.000	61	✓	✓
35.0 x 1.6	1.318	61	✓	n/a
38.0 x 1.2	1.089	61	n/a	✓
38.0 x 2.0	1.776	37	✓	n/a
41.3 x 1.2	1.187	37	✓	✓
41.3 x 1.6	1.566	37	✓	✓
44.5 x 1.2	1.281	68	✓	✓
44.5 x 1.6	1.693	37	✓	✓
47.6 x 1.2	1.373	37	✓	n/a
47.6 x 1.6	1.815	19	✓	n/a
47.6 x 2.0	2.249	19	✓	n/a

Precision ERW Products - Round Tubes				
Rounds O.D. x wt	Mass kg/m	Sling Qty	Finish	
			SEMB	MSGB
51.0 x 1.2	1.474	53	✓	✓
51.0 x 1.4	1.712	53	✓	n/a
51.0 x 1.6	1.949	19	✓	✓
51.0 x 2.0	2.417	19	✓	✓
51.0 x 2.5	2.990	19	n/a	✓
54.0 x 1.2	1.562	19	n/a	✓
54.0 x 1.6	2.068	19	✓	n/a
57.0 x 1.2	1.651	19	✓	✓
57.0 x 1.6	2.186	19	✓	✓
57.0 x 2.0	2.713	19	✓	n/a
60.3 x 1.6	2.316	19	n/a	✓
63.5 x 1.6	2.442	19	✓	n/a
63.5 x 2.0	3.033	19	✓	n/a
70.0 x 1.6	2.698	19	✓	n/a
76.2 x 1.6	2.966	19	✓	n/a
90.0 x 1.6	3.488	7	✓	n/a

Precision ERW Products - Square Tubes				
Squares mm x mm x mm	Mass kg/m	Sling Qty	Finish	
			SEMB	MSGB
12.7x12.7x1.2	0.404	400	n/a	✓
12.7x12.7x1.6	0.506	400	✓	n/a
16x16x0.9	0.410	256	n/a	✓
16x16x1.0	0.451	256	n/a	✓
16x16x1.2	0.529	256	n/a	✓
16x16x1.6	0.672	256	✓	n/a
19x19x0.9	0.495	169	n/a	✓
19x19x1.2	0.642	169	✓	n/a
19x19x1.4	0.734	169	✓	n/a
19x19x1.6	0.822	169	✓	✓
19x19x2.0	0.987	169	✓	n/a

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Precision ERW Products - Square Tubes

Squares mm x mm x mm	Mass kg/m	Sling Qty	Finish	
			SEMB	MSGB
20x20x1.2	0.679	144	n/a	✓
22.2x22.2x0.9	0.586	121	✓	✓
22.2x22.2x1.2	0.762	121	✓	✓
22.2x22.2x1.4	0.875	121	✓	n/a
22.2x22.2x1.6	0.983	121	✓	✓
25.4x25.4x1.2	0.883	100	✓	✓
25.4x25.4x1.4	1.015	100	✓	n/a
25.4x25.4x1.6	1.144	100	n/a	✓
31.8x31.8x1.2	1.124	64	✓	✓
31.8x31.8x1.6	1.465	64	n/a	✓
35x35x1.2	1.244	49	✓	✓
38x38x1.6	1.777	49	✓	✓
40x40x1.2	1.633	32	n/a	✓
41x41x2.0	2.368	36	n/a	✓
45x45x1.6	2.129	36	n/a	✓
50x50x1.2	1.810	25	n/a	✓
60x60x1.6	2.882	17	✓	✓

Precision ERW Products - Rectangles Tubes

Rectangles mm x mm x mm	Mass kg/m	Sling Qty	Finish	
			SEMB	MSGB
12x9x1.2	0.395	560	✓	n/a
25.4x12.7x0.9	0.497	200	n/a	✓
25.4x12.7x1.0	0.547	200	n/a	✓
25.4x12.7x1.2	0.643	200	✓	n/a
25.4x12.7x1.6	0.825	200	n/a	✓
30x15x0.9	0.594	128	n/a	✓
31.8x12.7	0.986	160	✓	n/a
35x19x1.0	0.796	96	n/a	✓
35x19x1.2	0.943	96	✓	n/a
35x19x1.6	1.224	96	✓	✓
38x25.4x1.2	1.120	70	n/a	✓

Precision ERW Products - Rectangles Tubes				
Rectangles mm x mm x mm	Mass kg/m	Sling Qty	Finish	
			SEMB	MSGB
50x10x0.9	0.806	85	n/a	✓
50x10x1.2	1.056	85	✓	n/a
50x10x1.6	1.375	85	✓	n/a
50x20x1.6	1.626	60	✓	n/a
50x25x0.9	1.018	50	n/a	✓
50x25x1.2	1.339	50	n/a	✓
50x40x1.6	2.129	30	✓	n/a
51x31.8x1.6	1.948	40	✓	n/a
51x31.8x2.0	2.393	40	✓	n/a
57x35x1.6	2.179	28	n/a	✓
60x40x1.6	2.380	24	✓	n/a
63.5x38x1.6	2.418	28	n/a	✓
67x29x2.0	2.808	36	✓	n/a
70x34x2.3	3.482	28	✓	n/a
70x50x1.2	2.186	20	n/a	✓
76x38x1.2	2.073	18	n/a	✓
76x38x1.6	2.732	18	n/a	✓
76x38x2.0	3.373	18	n/a	✓
80x40x1.6	2.882	18	n/a	✓

Precision ERW Products - Oval Tubes				
Ovals mm x mm x mm	Mass kg/m	Sling Qty	Finish	
			SEMB	MSGB
30x15x2.0 OV	1.152	128	✓	n/a
31.8x17.5x1.6 OV	0.940	96	✓	n/a
31.8x17.5x2.0 OV	1.196	120	✓	n/a
35x15x2.0 OV	1.312	128	✓	n/a
37.7x20.7x1.6 FS	1.237	84	✓	n/a
51x16x1.2 FS	1.114	80	✓	n/a
51x16x1.6 FS	1.476	80	✓	n/a
61.8x29.6x1.6 OV	1.858	68	n/a	✓
75x16x1.0 FS	1.336	48	n/a	✓

Continued on next page...

Notes

Standard lengths are 6.10m or 7.32m.

The products listed are indicative of the range.

Please check for availability and minimum order quantities that may apply.

All details correct at time of printing.

Some many and typical uses include:-

Tent Poles, Coach Framing, Luggage & Shopping Trolleys, Outdoor Furniture, Safety Ladders, Fencing, Handrailing & Balustrade, Children's Play Equipment.



Cold Formed Angles

Cold Formed Angles - Black or Zincform G300. (Supplied in 6m lengths)

Product Code	B - D - t mm mm mm	Black kg/m	Zincform kg/m
TA2512*	25x25x1.2	n/a	0.46608
TA2725	27x27x2.5	0.98125	0.99575
TA3225	32x22x2.5	0.98125	0.99575
TA4030	40x40x3.0	1.76625	1.788
TA4630	46x35x3.0	1.76625	1.788
TA4830	48x48x3.0	n/a	2.20064
TA5016	50x50x1.6	n/a	1.24645
TA5019	50x50x1.9	n/a	1.46736
TA5130	51x30x3.0	1.76625	1.788
TA5130-25*	51x25x3.0	1.62495	n/a
TA6430*	64x64x3.0	n/a	2.90848
TA7512	75x75x1.2	n/a	1.43708
TA7516	75x75x1.6	n/a	1.9018
TA7630*	76x51x3.0	n/a	2.90848
TA8012	80x70x1.2	n/a	1.43708
TA8025*	80x70x2.5	n/a	2.887675
TA8525*	85x50x2.5	n/a	2.58895

* May be subject to minimum order requirements.

Cold Formed Nesting Channels



Cold Formed Nesting Channels - G450 Galvaspan. (May be available in 6m, 7.5m & 9m lengths)			
Product Code	B - D - t mm mm mm	Black kg/m	Galv kg/m
TN10415	104x60x1.5	n/a	2.611175
TN104-40	104x40x1.5	n/a	2.13752
TN15415	154x70x1.5	n/a	3.52205
TN15419	154x70x1.9	n/a	4.40208
TN15719	157x68x1.9	n/a	4.40208
TN20419	204x70x1.9	n/a	5.07462
TN20719	207x69x1.9	n/a	5.07462
TN20924*	209x70x2.4	n/a	6.45456
TN25919	259x70x1.9	n/a	5.90001
TN26124	261x60x2.4	n/a	7.09628

Used to join purlins to form a structural joint. These nesting channels may not accept other manufacturers purlin sections.

Cold Formed "C" Purlins



Cold Formed "C" Purlins. (May be available in 6m, 7.5m, 9m & 12.2m lengths)		
Product Code	B - D - L - t mm mm mm mm	Galv kg/m
TP10010*	100 x 51x x 15 x 1.0	1.79196
TP10012*	100 x 51 x 15 x 1.2	2.12443
TP10015	100 x 51 x 15 x 1.5	2.611175
TP10019	100 x 51 x 15 x 1.9	3.27099
TP15010*	150 x 50 x 20 x 1.0	2.26872
TP15012*	150 x 64 x 18 x 1.2	2.91742
TP15015	150 x 64 x 18 x 1.5	3.59492
TP15019	150 x 64 x 18 x 1.9	4.509075
TP15024	150 x 64 x 18 x 2.4	5.64774
TP20010*	200 x 50 x 20 x 1.0	2.67972

Continued on next page...

Cold Formed "C" Purlins.
(May be available in 6m, 7.5m, 9m & 12.2m lengths)

Product Code	B - D - L - t mm mm mm mm	Galv kg/m
TP20015	200 x 76 x 18 x 1.5	4.481505
TP20019	200 x 76 x 18 x 1.9	5.59431
TP20024	200 x 76 x 20 x 2.4	7.01165
TP25015	250 x 76 x 20 x 1.5	5.1009
TP25019	250 x 76 x 20 x 1.9	6.404415
TP25024	250 x 76 x 20 x 2.4	8.01057
TP30012*	300 x 89 x 20 x 1.2	4.94395
TP30024	300 x 89 x 20 x 2.4	9.52816
TP30030	300 x 89 x 20 x 3.0	11.8404

C Purlins length range is 6.0m, 7.5m, 9.0m & 12.2m.

Rolled Edge Stockyard Rail



Rolled Edge Stockyard Rail (Supplied in 6.0m.)

Product Code	B - D - t mm mm mm	Black kg/m	Galv kg/m
TSR18512*	185x19x1.2	n/a	2.13834
TSR18516	185x19x1.6	2.85112	2.91695
TSR18520	185x19x2.0	3.5325	3.59775
TSR23510	235x19x1.0	n/a	2.2792
TSR23512*	235x19x1.2	2.60934	n/a
TSR 23516	235x19x1.6	3.47912	3.55945
TSR23520*	235x19x2.0	4.3175	4.39725
TSR28012*	280x19x1.2	2.99556	n/a
TSR28016	280x19x1.6	3.98152	4.07345

* May be subject to minimum order requirements.

Cold Formed Plain Channels



Cold Formed Plain Channels - Black or Zincform. (Supplied in 6m lengths)			
Product Code	B - D - t mm mm mm	Black kg/m	Zincform kg/m
TC01916	19x12x1.6	0.48984	0.50115
TC02010	20x20x1.0	n/a	0.61864
TC02220*	22x21x2.0	n/a	0.91143
TC02510*	25x25x1.0	n/a	0.57794
TC02516	25x13x1.6	0.59032	0.60395
TC03220*	32x32x2.0	n/a	1.42311
TC03225*	32x50x2.5	n/a	2.489375
TC03420-50*	34x50x2.0	n/a	2.01474
TC03420-70*	34x70x2.0	n/a	2.67033
TC03725*	37x60x2.5	n/a	2.967335
TC03816	38x16x1.6	0.80384	0.8224
TC05016*	50x40x1.6	n/a	1.5934
TC05116	51x15x1.6	0.942	0.96375
TC05120	51x25x2.0	1.5386	1.56702
TC05130	51x25x3.0	2.1195	2.1456
TC05720*	57x45x2.0	2.198	2.2386
TC05725	57x26x2.5	1.9625	1.9915
TC06425	64x22x2.5	1.9625	1.9915
TC06815*	68x30x1.5 #	n/a	1.48169
TC07620*	76x38x2.0	2.198	2.27058
TC07630	76x37x3.0	3.2499	3.28992
TC07815#*	78x30x1.5#	n/a	1.60314
TC8015#	80x33x1.5	n/a	1.7003
TC08330	83x34x3.0	3.2499	3.28992
TC08930	89x31x3.0	3.2499	3.28992
TC09520*	95x25x2.0	2.198	n/a
TC09530	95x35x3.0	3.60315	3.64725
TC10230	102x55x3.0	4.710	4.768
TC10230-34*	102x34x3.0	3.74445	n/a

Continued on next page...

Cold Formed Plain Channels - Black or Zincform. (Supplied in 6m lengths)

Product Code	B - D - t mm mm mm	Black kg/m	Zincform kg/m
TC10330	103x31x3.0	3.60315	3.64752
TC12030*	120x52x2.0	4.99260	5.05408
TC12730	127x49x3.0	5.06325	5.1256
TC15230	152x50x3.0	5.652	5.7216
TC15230-76*	152x76x3.0	6.80595	n/a
TC30030*	300x80x3.0	10.5504	n/a

Indicates G450 material. * May be subject to minimum order requirements.



Cold Formed Lipped Channels

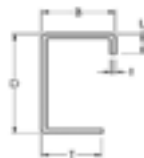
Cold Formed Lipped Channels - Black or Zincform. (Supplied in 6m lengths)

Product Code	B - D - t mm mm mm	Black kg/m	Zincform kg/m
TL05116	51x35x9x1.6	1.60768	1.6448
TL06420	64x38x10x2.0	2.2765	2.31855
TL06425	64x38x10x2.5	2.826	2.86776
TL07512-G	75x44x11x1.2	n/a	1.70346
TL07512-Z*	75x44x11x1.2	n/a	1.67214
TL07620	76x44x11x2.0	2.669	2.7183
TL07625	76x44x11x2.5	3.297	3.34572
TL08920	89x51x12x2.0	3.140	3.198
TL08930	89x51x15x3.0	4.6629	4.72032
TL10225	102x51x14x2.5	4.219375	4.281725
TL10230	102x51x16x3.0	4.9926	5.05408
TL12725	127x51x14x2.5	4.67075	4.73977
TL12730	127x51x16x3.0	5.53425	5.6024
TL15230	152x64x16x3.0	6.80595	6.88976
TL17830	178x70x17x3.0	7.7244	7.81952
TL20325*	203x70x15x2.5	6.927625	7.029995
TL20330	203x76x18x3.0	8.59575	8.7016
TL25430	254x89x23x3.0	10.573950	10.70416
TL30030	300x89x25x3.0	11.75145	n/a

G Indicates G500 material. - Z Indicates ZINCANNEAL® material.

NB. Size range is subject to change or vary without prior notice.

Cold Formed Conveyor Sections



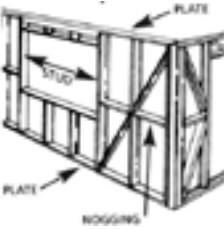

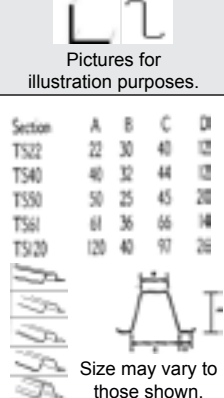
Cold Formed Conveyor Sections - Galv G450		
Product Code	B - D - T - L - t mm mm mm mm mm	Galv kg/m
TCS10030	100 - 50 - 45 - 24 - 3.0	4.6644
TCS15030	150 - 75 - 55 - 24 - 3.0	6.76936
TCS20030	200 - 75 - 55 - 24 - 3.0	7.94144
TCS25030	250 - 75 - 55 - 24 - 3.0	6.76936
TCS30030	300 - 100 - 80 - 29 - 3.0	7.94144

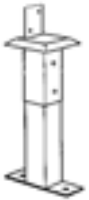
Material grade G450. Subject to minimum order requirements.

Building Products


A construction worker wearing a white hard hat and safety glasses is shown in profile, looking down at a task. The worker is wearing a light-colored long-sleeved shirt. The background is a dimly lit industrial or construction site with various structures and equipment visible. The overall tone is dark and professional.

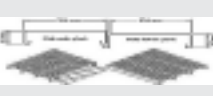
Steel Building Components


Steel Building Frame Sections																																				
Profile and Usage	Product	Dimensions mm x mm	BMT mm	Stock Lengths m	Mass kg/m	Lengths per Pack																														
	Standard Stud	75 x 32	1.20	7.50	1.278	50																														
	Standard Plate	78 x 31	1.20	7.50	1.290	50																														
	Standard Nogging	72 x 34	1.20	7.50	1.290	50																														
	Light Duty Stud	75 x 32	0.80	7.50	1.800	25																														
	Cyclone Stud	75 x 38	1.60	7.50	1.600	25																														
	Junction Stud	75 x 38	1.20	7.50	1.702	12																														
	Stiffened Top Plate	79 x 75	1.60	7.50	2.610	10																														
	Truss Cord	100 x 53/49	1.00	7.50	1.770	20																														
	Trimmer Angle	38 x 38	1.20	4.80/5.80	0.760	40																														
	Supratruss Chord	75 x 38	0.60	7.50	0.914	50																														
	Supratruss Web	51 x 28	0.75	6.10	0.466	50																														
	Box Rafter	75 x 38	0.48	7.50	1.179	50																														
	Supraframe Nogging	22 x 20	0.48	6.10	0.249	20																														
	C7512 Purlin (Qld only)	75x44x10	1.20	6.10/7.50	1.660	20																														
 <p>Pictures for illustration purposes.</p> <table border="1"> <thead> <tr> <th>Section</th> <th>A</th> <th>B</th> <th>C</th> <th>D1</th> </tr> </thead> <tbody> <tr> <td>TS22</td> <td>22</td> <td>30</td> <td>40</td> <td>12</td> </tr> <tr> <td>TS40</td> <td>40</td> <td>32</td> <td>44</td> <td>12</td> </tr> <tr> <td>TS50</td> <td>50</td> <td>25</td> <td>45</td> <td>20</td> </tr> <tr> <td>TS61</td> <td>61</td> <td>36</td> <td>66</td> <td>14</td> </tr> <tr> <td>TS120</td> <td>120</td> <td>40</td> <td>97</td> <td>26</td> </tr> </tbody> </table> <p>Size may vary to those shown.</p>	Section	A	B	C	D1	TS22	22	30	40	12	TS40	40	32	44	12	TS50	50	25	45	20	TS61	61	36	66	14	TS120	120	40	97	26	Ceiling Batten 22mm	22 x 63	0.42	6.10	0.367	25
	Section	A	B	C	D1																															
	TS22	22	30	40	12																															
	TS40	40	32	44	12																															
	TS50	50	25	45	20																															
	TS61	61	36	66	14																															
	TS120	120	40	97	26																															
	Roof Batten 40mm	40 x 75	0.55	7.50	0.770	25																														
	Roof Batten 50mm	50 x 88	0.75	7.50	0.980	25																														
	Topspan 61	61 x 102.5	0.75	7.50	1.181	25																														
	Topspan 61	61 x 102.5	1.00	7.50	1.564	25																														
	Topspan 96 (Qld only)	96 x 64	0.75	7.50	1.680	20																														
Topspan 120	120 x 149	0.70	7.50	2.068	20																															
Topspan 120	120 x 149	0.90	7.50	2.641	20																															
Topspan 120	120 x 149	1.00	7.50	2.732	20																															

Steel Building Frame Sections					
Profile and Usage	Product	Post Size	Length Range	kg/m	Packed as
	Uni-Pier™ (Post)	65 x 65 RHS	200 - 2800	3.89	Each
	Uni-Pier™ (Post)	75 x 75 RHS	400 - 4000	5.56	
	Product	Post Size	Adjustment details	Mass	Each
	Uni-Pier™ (Head)	Suit 65x 65 Post	Adjustment up to 200 mm	1.0	
	Uni-Pier™ (Head)	Suit 75x 75 Post		1.3	
	Posts and Heads sold as a complete unit only				

Continued on next page...

Steel Building Frame Sections						
Profile and Usage	Product	Size - mmxmm	Configuration	Lengths - m	kg/m	Packed as
	Interlok Grating G06512	225 x 63 x 1.2	MM / MF	6.075	8.24	Each
	Interlok Grating G06520	225 x 63 x 2.0	MM / MF	6.075	12.2	Each

Steel Building Frame Sections						
Profile and Usage	Product	Size - mmxmm	Configuration	Lengths - m	kg/m	Packed as
	Roof Track	225 x 65 x 1.2	MM / MF	3.018/6.073	3.8	Each

Steel Building Frame Sections						
Profile and Usage	Product	Size/Gauge/ Ln	Size/Gauge/ Ln	Size/Gauge/ Ln	Mass	Order Details
	Steel Strapping	25 x1.0 x 100m	32 x 1.2 x 25m	38 x 1.6 x 100m	Various	Minimum order 1 bundle 1 length
		25 x1.2 x 100m	32 x 1.2 x 50m			
	Punched & Unpunched	30 x1.0 x 30m	32 x 1.6 x 100m	51 x 1.6 x 25m		Lead Time Approx 10 days

Other accessories available from each manufacturer. Not all accessories are able to be shown on this page. Some dimensions may differ from each manufacturer. Please check with your local outlet.

Some advantages over timber when buying steel building products:-

High strength and long life - Galvanized or ZINCALUME® steel finish.

Compatible with many other existing building products.

Design freedom.

Pre-fabricated steel frames are precision engineered.

Fire and termite resistant. Will not warp or rot.

No expensive tools needed.

SupaZeds[®], SupaCees[®] Purlins


SupaZeds [®] , SupaCees [®] Sections and Purlins - Dimensions								
Code	Z & C Thickness	Z & C Depth	Top Z Flange "F"	Bottom Z Flange "E"	Z Return Top & Bot	Top & Bot C Flange	C Return	Mass kg/m
C7512 (Qld only)	1.2	75	N/A	N/A	N/A	44	10	1.66
Z/C10010	1.0	102	49	53	12.5 & 12.5	51	12.5	1.78
Z/C10012	1.2	102	49	53	12.5 & 12.5	51	12.5	2.10
Z/C10015	1.5	102	49	53	13.5 & 13.5	51	13.5	2.62
Z/C10019	1.9	102	49	53	14.5 & 14.5	51	14.5	3.29
SZ/SC15010*	1.0	152	48	63	16 & 17	57.5	17.5	2.38
SZ/SC15012	1.2	152	49	66	16.5 & 18.5	60.5	18.0	2.89
SZ/SC15015	1.5	152	49.5	66.5	17 & 18	61	18.5	3.59
SZ/SC15019	1.9	152	50.5	67.5	18 & 19	62	19.0	4.51
SZ/SC15024	2.4	152	52	70	19 & 20	63	20.0	5.70
SZ/SC20012*	1.2	203	62	76	19.5 & 19.5	70	21.0	3.62
SZ/SC20015	1.5	203	63	77	20 & 20	70.5	21.5	4.49
SZ/SC20019	1.9	203	63.5	79.5	21 & 21.5	73	23.0	5.74
SZ/SC20024	2.4	203	65	81.5	22 & 22	74.5	24.0	7.24
SZ/SC25015*	1.5	254	67	78.5	20 & 19.5	72	22.5	5.16
SZ/SC25019	1.9	254	65	78.5	21 & 21	72.5	23.0	6.50
SZ/SC25024	2.4	254	66	80.5	22 & 22	74	24.0	8.16
SZ/SC30019*	1.9	300	88	103.5	26 & 25	97.5	27.5	8.02
SZ/SC30024	2.4	300	87.5	104.5	27 & 26.5	100	28.5	10.09
SZ/SC30030	3.0	300	88	106.5	28 & 28	100.5	29.5	12.76
SZ/SC35024	2.4	350	114	131.5	31 & 28.5	124	33.5	12.20
SZ/SC35030	3.0	350	115	134	31 & 30	125.5	34.5	15.23
SZ/SC40024	2.4	400	115	134	31 & 30	125.5	34.5	13.16
SZ/SC40030	3.0	400	115	134	31 & 30	125.5	34.5	16.45

Both purlin sections may be subject to minimum rolling quantities, rolling dates and minimum or maximum lengths.

Please check with your local Distribution outlet for your special punching requirements.

NB. Dimensions shown are for SupaZeds[®] & SupaCees[®].

Details as per BlueScope Lysaght publications.

 Item in highlighted area is classed as a pulin only.

Hooklok II Purlin Bridging

Hooklok II Purlin Bridging			
Bridging Types	Suit Purlin size	Tie Types	Suits
Standard	100 - 150 - 200 - 250	Ridge	As standard
Fascia	150 - 200 - 250	Girt Hanger	As standard
Adjustable	100 - 150 - 200 - 250	Girt Foot	As standard
Expansion	100 - 150 - 200 - 250	Tie Rods	12mm

Purlin Bridging

Purlin Bridging Series 300/350		
Bridging Types.	Type	Type
Standard	300	350
Fascia	300	350
Ridge	300	350
Tie Rods	16mm	

FIRMLOK® Beams

FIRMLOK® Beams and Accessories				
Code	Height mm	Width mm	Thickness mm	Mass kg/m
F10011	100	47	0.55	1.93
F15015	150	47	0.75	3.21
F20020	200	47	1.00	5.04
FIRMLOK® Beams in COLORBOND® steel			Suspension Bracket	
Brackets	Universal	Accessories	Internal Joiner	
	Apex		Brick Wall Bracket	
	Collar Tie		Universal Cleats	

Accessories available in both Painted & Unpainted.

Gutters

Gutters		
Lysaght Name	Height mm	Width mm
Fitfast Gutter	140	124
Hi Front Quad 115	90	115
Quad 150	74	150
Quad 175	92	175
Trimline Gutter	116	124
Emline Gutter	140	125
Half Round Gutter	98	150

Names and dimensions may vary between States and each manufacturer. Please check.

Roof & Wall Sheeting

Roof and Wall Sheeting									
* Roofing and Walling Profiles	BMT mm	Mass kg/m ²	Width of Coverage mm	Depth of Rib mm	Minimum Recommended Roof Pitch (°) & (mm)	Max recommended spacing of supports for normal conditions-mm.			
						Roof		Walls	
						End Spans	Internal Spans	End Spans	Internal Spans
CUSTOM ORB® (Corrugated)	0.42	4.30	762	16	5° (1 in 12)	900	1200	2500	2700
	0.48	4.90	762	16		1300	1700	2700	2700
Recommended - 5 screws/m ²									
CUSTOM BLUE ORB® For Curving	0.60	6.10	762	17	5° (1 in 12)	1600	1800	3000	3300
	Recommended - 5 screws/m ²								
TRIMDEK HI-TEN®	0.42	4.30	762	29	2° (1 in 30)	1300	1900	3000	3000
	0.48	4.90	762	29		1850	2600	3000	3000
Recommended - 5.5 screws/m ²									
SPANDEK®	0.42	4.70	700	24	3° (1 in 20)	1800	2400	3000	3300
	0.48	5.30	700	24		2200	3000	3000	3300
Recommended - 5.5 screws/m ²									
KLIP-LOK® 406	0.42	5.00	406	41	2° (1 in 30)	1700	2100	1800	1800
	0.48	5.60	406	41	1° (1 in 50)	2400	3000	2400	2400
	0.60	7.00	406	41	1° (1 in 50)	2700	3600	3000	3000
Recommended - 5 screws/m ²									

Continued on next page...

Roof and Wall Sheeting									
* Roofing and Walling Profiles	BMT mm	Mass kg/m ²	Width of Coverage mm	Depth of Rib mm	Minimum Recommended Roof Pitch (°) & (mm)	Max recommended spacing of supports for normal conditions-mm.			
						Roof		Walls	
						End Spans	Internal Spans	End Spans	Internal Spans
KLIP-LOK® 700 Hi-Strength	0.42	4.70	700	43	2° (1 in 30)	1750	2200	3000	3600
	0.48	5.30	700	43	1° (1 in 50)	2350	2800	3300	3900
	0.60	6.60	700	43	1° (1 in 50)	3000	3600	3600	3900
	Recommended - 4.5 screws/m ²								
LONGLINE® 305	0.70	9.70	305	48	1° (1 in 50)	2000	2500	2700	2700
	Recommended - 3 screws/m ²								
FLATDEK®	0.42	6.25	250	45	2° (1 in 30)	4800	4800	-	-
FLATDEK® II	0.42	6.25	250	45	2° (1 in 30)	4800	4800	-	-
Recommended - 8 screws/m ² - Not for foot traffic.									
FLATDEK® II is manufactured in Queensland only. (At the time of printing.)									

*Details shown may need to be checked for high winds and/or cyclonic areas.

Most profiles are available in the full range of COLORBOND® steel including the Ultra and Metallic range. Unpainted ZINCALUME® steel is also available. Most profiles are available in custom cut lengths. The maximum length for factory rolled product is dependant on transport legislation in your area.

The above profile details outline basic design information which will assist selection for your design or installation. We recommend that you access the full product brochures and manuals for complete design information. These brochures and the availability of profiles and finishes can be found on the website.

The website is www.lysaght.com

The drainage or run-off capacity of roof sheeting can limit on the total length of a sheet run and must be considered in roof design and construction.





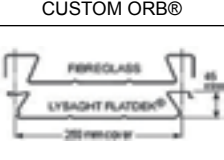

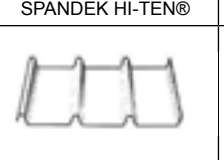
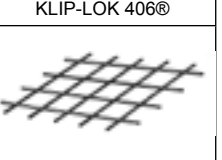
Accessories Available.

Valley Guttering, Ridge Capping, Barge Capping, Flashings, Roof Screws, Guttering and Brackets.

Internal and External Gutter corner, Downpipes, Drops, and Downpipe Brackets.

Wall Sheeting

Wall Sheeting & Polycarbonate® Sheeting								
Walling Profiles only	BMT mm	Mass kg/m ²	Width of Cover mm	Depth of Rib mm	Max recommended spacing of supports for normal conditions - mm.			
					Walls			
					Single Spans	End Spans	Internal Spans	Over Hang
WALLCLAD® (Corrugated)	0.35	3.60	762	16	2100	2400	2400	150
	Recommended 4 screws/m ² Not suitable for curving.							
TRIMWALL®	0.35	3.60	762	29	2100	2900	3000	150
	Recommended 4 screws/m ²							
PANELRIB®	0.35	3.20	850	4	1100	1200	1200	150
	0.42	3.80	850	4	1200	1200	1200	150
	Recommended 4 screws/m ²							
MULTICLAD®	0.35	3.30	840	12	1400	1800	1800	150
	0.42	3.90	840	12	1700	1800	1800	150
	Recommended 4 screws/m ²							
MINI ORB®	0.42	4.00	820	6	1200	1500	1500	100
	0.48	4.50	820	6	1500	1500	1500	125
	Recommended 8 screws/m ² 0.48mm thickness may be curved to 150mm radius.							
EASYCLAD HI-TEN® 2P 300	0.42	4.50	300	19	-	1500	1500	-
	Recommended 6 screws/m ²							













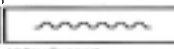
TRANSLUCENT & POLYCARBONATE® Roof and Wall Sheeting & Safety Mesh			
			
CUSTOM ORB®	TRIMDEK HI-TEN®	SPANDEK HI-TEN®	KLIP-LOK 406®
			
FLATDEK®	GRECA® (Roma)	KLIP-LOK 700 HS®	Safety Roof Mesh



Continued on next page...









TRANSLUCENT & POLYCARBONATE® Roof and Wall Sheeting & Safety Mesh	
Thickness -	2400 g/m ² for all, 1800g/m ² & 3050g/m ² subject to enquiry.
Lengths-	Maximum length is 12200 mm - Longer lengths subject to manufacturers enquiry.
Colours -	Clear & Opal available for all profiles. Lite Green only available in Custom Orb® and Trimdek® Hi-Ten. Add translucent sheeting to the roof or walls and brighten the interior of any building. Great for industrial buildings.
Fasteners -	All screws should have 32 mm Weatherlok Washers or refer to manufacturers specifications. Use similar screws as you would for metal claddings.

Safety Mesh	
Safety -	It is recommended that roofing mesh be installed under all translucent sheeting.

Rainwater Accessories

Rainwater Accessories				
<p>A house is incomplete until the finishing accessories are added and waterproof the roof completed. The following flashings are only a few that will complete a roof. Flashings are available in COLORBOND® steel, ZINCALUME® steel and GALVABOND® steel. Custom made flashings are also available but there could be length limitations. Check at placement of orders.</p>				
				
Apron Flashing	Barge Capping	Barge Gutter	Barge Roll Capping	Barge Roll
				
Ribbed Valley	Ridge Capping	Ridge Capping	Roll Top Ridge Capping	Structural Valley
				
Tile Flashing	Valley Flashing	Valley Support		

Rainwater Accessories	
<p>When water runs from your roof into the guttering system then falls through the downpipes, care must be taken not to mix COLORBOND® steel, ZINCALUME® steel with the likes of Galvabond®. Water running from a ZINCALUME® steel roof into a GALVABOND® steel gutter & downpipe system, can cause these components to "rust" away and need replacing in a short time.</p>	
	<p>Downpipes - round 1800 & 2400mm lengths (Custom cut on request.) Diameters (mm) 50, 65, 75, 90, 100, 125, 150, 175, 200, 225, 250, 275 & 300mm. Some round downpipes are tapered to allow one end to slip inside the next.</p>
	<p>Downpipes - square or rectangular 1800 & 2400mm lengths (Custom cut on request.) Dimensions (mm) 100x50, 100x75, 100x100, 125x100, 150x100 & 150x150. All tapered to allow each end to slip inside the next.</p>

Rainwater Accessories			
			
Square/Rectangular Astragals/Straps	Round Astragals/Straps	Round	Square/Rectangular
			
Crimped Bends 90/45°	Chinamens Hat (on short pipe)	Downpipe Bends/Elbows (made to 45 or 90° angle)	
Please note that Barge Roll, Apron Flashing, Ribbed Valley and Structural Valley, are NOT AVAILABLE in Western Australia.			

The above components are only but a few of the many items that can and may be needed to complete a roof. Some builders will try to use PVC downpipes and while this is quiet acceptable, there is something calming and melodic about the water running down a metal downpipe. The use of PVC pipe for downpipes is a personal preference.

Details courtesy of BlueScope Lysaght.

COLORBOND® Steel & Fence Colour Matrix

COLORBOND® steel Sheeting and COLORBOND® steel Fencing Colours					
Roofing Colours New Range included	Old Colour Name Closest match	BlueScope Water Tank Colours	Solar Absorptance See Thermatech® notes below	Fencing Colours Closest match	Stainless Steel Closest match
Contemporary Colour Range					
-	-	-	-	Domain®	-
Basalt™	-	-	0.69	-	-
Cove™	-	-	0.54	-	-
Dune®	Birch™	Dune®	0.47	Harvest®	Dune®
Evening Haze®	-	Evening Haze®	0.43	Summershade®	-
Gully™	-	-	0.63	-	-
Ironstone®	-	Ironstone®	0.74	-	-
Jasper®	-	Jasper®	0.68	Riversand®	-

Continued on next page...

COLORBOND® steel Sheeting and COLORBOND® steel Fencing Colours

Roofing Colours New Range included	Old Colour Name Closest match	BlueScope Water Tank Colours	Solar Absorptance See Thermatech® notes below	Fencing Colours Closest match	Stainless Steel Closest match
Contemporary Colour Range					
Mangrove™	-	-	0.64	-	-
Monument®	-	-	0.73	-	-
Shale Grey™	-	Shale Grey™	0.43	-	-
Surfmist®	-	Surfmist®	0.32	-	Surfmist®
Terrain®	-	-	0.69	Estate®	-
Wallaby™	-	-	0.64	-	-
Windspray®	-	Windspray®	0.58	-	Windspray®
Classic Colour Range					
Classic Cream™	Biege™	Classic Cream™	0.32	-	-
Cottage Green®	Heritage Green™	Cottage Green®	0.75	Evergreen®	-
Deep Ocean®	Mountain Blue™	Deep Ocean®	0.75	Bluestone®	Deep Ocean®
Manor Red®	Heritage Red™	Manor Red®	0.69	Red Oak®	
Night Sky®	Black	Monument™	0.96	Eclipse® see notes	
Pale Eucalypt®	Mist Green®	Pale Eucalypt®	0.60	Meadow®	
Paperbark®	Merino™	Paperbark®	0.42	Terrace®	
Woodland Grey®	Slate Grey™	Woodland Grey®	0.71	Grey Ridge®	

Colours may be subject to change without prior notice. Details courtesy of BlueScope Lysaght.

Thermatech® technology optimises the solar reflectance properties of 21 COLORBOND® steel standard roofing and walling colours*. *Not available in the colour Night Sky®.

Please note:- Fencing screws are supplied in bags of 100 or 1000 only.

COLORBOND® steel and ®colour names are registered trade marks of BlueScope Steel Limited.

BlueScope and ™ colour names are trade marks of BlueScope Steel Limited.

○ # For Post & Rails Only

○ # Not Available in SA/NT

^ Non Corresponding Fencing Colours.

^ Frost® Qld only.

^ Hedge®

^ Teatree®

^ Willow®

Non Corresponding Metallic Roofing Colour Range.

Axis®

Citi®

Conservatory®

Cortex®

Facades®

Skybridge®

COLORBOND® steel Fencing Components

COLORBOND® steel Fencing Components

There are a number of suppliers who can supply a Pre-Painted steel fence and at reasonable prices.

However, there is only BlueScope Lysaght who supply a COLORBOND® steel fence.

The Lysaght COLORBOND® steel fence consists of a number of components and may be assembled very quickly by two persons.

The components for a fence is as the diagram below. It is only the infill sheets that alter the style or name of the fence.

Styles include Neetascreen/Smartascreen, Miniscreen, Customscreen. These may be supplied in 1500, 1800 or 2100mm high.

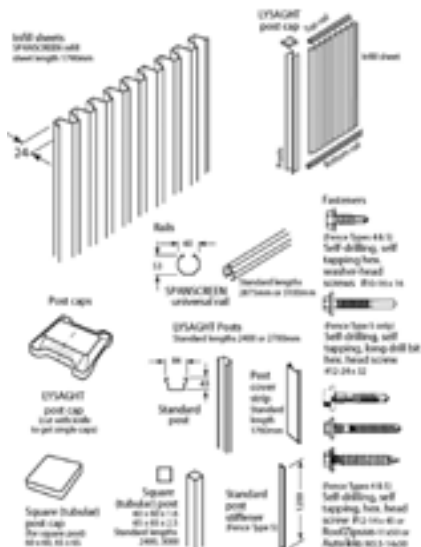
COLORBOND® steel is a registered name of BlueScope Lysaght.

All details are courtesy of BlueScope Lysaght.

All details are correct at time of printing

Details may change without prior notice.

All components may be ordered seperately.



All diagrams and photographs are for illustration purposes.

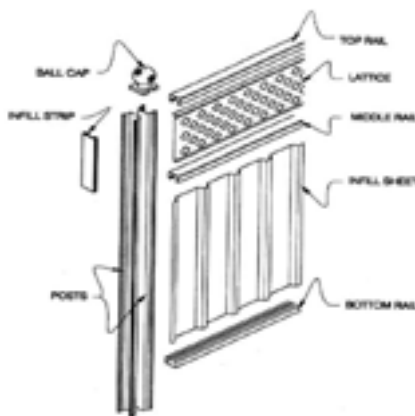
COLORBOND® steel Plus Fencing Extension

A variation on the above styles is to add a lattice section of 300mm to the top of the fence. This may be referred to as Neetascreen Plus.

Other alternative finish is to add Ball Caps instead of the normal COLORBOND® steel fence cap.

While most of the fence styles may be installed as straight line, raked or stepped, the addition of the lattice section can only be applied to a straight or a stepped fence. The addition of the lattice section to a raked fence will not work.

Photos are for illustration only.



An example of a straight fence.



An example of a stepped fence.



An example of a raked fence.

Corrugated Culvert Pipe

Helical Drainage Pipe - Corrugated Culvert Pipe		
Metric mm	Thickness mm	Mass kg/m
203	1.6	10
305	1.6	15
381	1.6	19
457	1.6	23
610	1.6	30
762	1.6	38
914	1.6	45
1069	1.6	53
1219	1.6	60
1524	1.6	76
1829	1.6	92
2133	2.0	140
2438	2.0	160

Galvanized culvert pipe is manufactured in a range of sizes from 203 mm to 2428 mm and in lengths to suit your needs.

The 4 ply lock seam adds strength and rigidity to a versatile pipe with many uses in farm, mining and industrial applications.

Applications

Road culverts.

Stormwater drainage.

Retention systems.

Corrugations 75mm x 25mm deep.

Fittings - Crosses, Tees, Y and Angles

Installation and Joiner Details

Culvert should be laid on a firm, well compacted granular bed 100mm deep in a trench 500mm wider than the pipe diameter. Back fill with compacted material passing 75mm screen in 150mm layers. Minimum cover should be 600mm.



Typical Back Fill

External Joiner.

All details courtesy of Roladuct - Qld, NSW & Vic.

Round Spiral Welded Piping - Conforms to AS4041 (1992) & AS1579 (1993)					
Normal Dia O.D.		Standard Gauges			
Metric mm	IMP. NB.	1.2 mm	1.6 mm	2 mm	3 mm
76	3 in.	y	y	y	y
88.9	* 3 NB	y	y	y	y
102	4	y	y	y	y
114.3	* 4 NB	y	y	y	y

Round Spiral Welded Piping - Conforms to AS4041 (1992) & AS1579 (1993)

Normal Dia O.D.		Standard Gauges			
Metric mm	IMP. NB.	1.2 mm	1.6 mm	2 mm	3 mm
127	5	y	y	y	y
152	6	y	y	y	y
165	* 6 NB	y	y	y	y
178	7	y	y	y	y
203	8	y	y	y	y
219	* 8 NB	y	y	y	y
229	9	y	y	y	y
254	10	y	y	y	y
273.1	* 10 NB	y	y	y	y
279	11	y	y	y	y
305	12	y	y	y	y
323.9	* 12 NB	y	y	y	y
330	13	y	y	y	y
356	14	y	y	y	y

Suitable for:-

Condenser Water
 Fire Mains
 Dust Collection Systems
 Boiler Fires
 Water Supply Lines
 Pneumatic Conveying
 Diesel Exhaust
 High Pressure Air Lines
 Augers

Joining Methods.

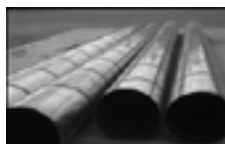
Flanged using standard angle iron or table flanges.
 Butt weld and collar.
 Shouldered ends and couplings.
 Grooved ends and couplings.

Industrial Downpipes.

Also available spiral welded industrial downpipes in Stainless, Hot Dipped Galvanized, Zinalume - plain or powder coated.

Materials:-

Stainless Steels
 (304, 321 & 316)
 Mild Steel
 Aluminium
 3CR 12 & 5CR 12



Rainwater Tanks & Water Harvesting

Water Storage Options & Rainwater Harvesting

Pioneer water tanks are available in a range of sizes and capacities suitable for many applications and uses, such as, rural, residential, commercial or industrial water storage.

Select your water tank sizes and capacities from our full range of rural/domestic Pioneer water tanks, or view the Commercial Capacities Chart below to select a tank capacity to suit your need.

Rural/Domestic Tank Range				
Model	Tank Dimensions		Gross Capacity	
	Diameter	Height	Litres	Gallon
GT10	2.67m	2.18m	12,200	2,600
GT20	3.34m	2.18m	19,100	4,200
GT30	4.01m	2.18m	27,542	6,053
GT40	4.68m	2.18m	37,574	8,258
GT50	5.35m	2.18m	48,963	10,761
GT60	6.02m	2.18	62,111	13,651
GT80	6.69m	2.18m	76,504	16,814
GT90	7.35m	2.18m	92,570	20,345
GT110	8.02m	2.18m	110,116	24,212
GT130	8.69m	2.18m	129,292	28,416
GT150	9.36m	2.18m	149,948	32,956
GT170	10.03m	2.18m	172,134	37,832
GT200	10.70m	2.18m	195,851	43,044
GT220	11.36m	2.18m	221,604	48,704
GT250	12.03m	2.18m	247,874	54,478
GT280	12.71m	2.18m	276,814	60,839
GT290	10.70m	3.23m	290,632	63,876
GT330	11.36m	3.23m	328,096	72,109
GT370	12.03m	3.23m	367,831	80,784

Protect your precious resource

Australian rural communities depend on water storage systems to survive. For over two decades, BlueScope has supplied rural Australia with water tanks for all types of farming and domestic applications.

Built with strong and durable BlueScope Zinalume® or Colorbond® steel, BlueScope Water Tanks can be designed to fit any environment.

Check out the options to suit your needs.

Commercial Tank Range (Gross Capacity)								
Tank Diameter metres	Number of Rings							
	R1	R2	R3	R4	R5	R6	R7	R8
	1.15	2.18	3.23	4.27	5.31	6.35	7.39	8.43
XL01 (2.67m)	6KL	12KL	18KL	24KL	30KL	-	-	-
XL04 (3.34m)	10KL	19KL	28KL	38KL	47KL	56KL	-	-
XL05 (4.01m)	15KL	28KL	41KL	54KL	67KL	80KL	93KL	-
XL08 (4.68m)	20KL	38KL	56KL	74KL	91KL	109KL	127KL	-

Commercial Tank Range (Gross Capacity)								
Tank Diameter metres	Number of Rings							
	R1	R2	R3	R4	R5	R6	R7	R8
	1.15	2.18	3.23	4.27	5.31	6.35	7.39	8.43
XL10 (5.35m)	26KL	49KL	73KL	96KL	119KL	143KL	166KL	-
XL13 (6.02m)	33KL	62KL	92KL	122KL	151KL	181KL	210KL	240KL
XL15 (6.69m)	40KL	77KL	114KL	150KL	187KL	223KL	260KL	296KL
XL20 (7.35m)	49KL	93KL	137KL	182KL	226KL	270KL	314KL	358KL
XL23 (8.02m)	58KL	110KL	163KL	216KL	269KL	321KL	374KL	426KL
XL25 (8.69m)	68KL	130KL	192KL	254KL	315KL	377KL	439KL	500KL
XL30 (9.36m)	79KL	150KL	223KL	294KL	366KL	437KL	509KL	580KL
XL35 (10.03m)	91KL	173KL	255KL	337KL	419KL	501KL	583KL	-
XL40 (10.70m)	103KL	196KL	291KL	384KL	477KL	571KL	664KL	758KL
XL45 (11.36m)	117KL	222KL	328KL	434KL	539KL	645KL	750KL	855KL
XL50 (12.03m)	131KL	248KL	368KL	486KL	604KL	723KL	841KL	959KL
XL60 (12.70m)	146KL	277KL	410KL	542KL	673KL	805KL	937KL	1.10ML
XL65 (13.37m)	161KL	307KL	454KL	600KL	746KL	892KL	1.00ML	1.18ML
XL70 (14.04m)	178KL	338KL	501KL	662KL	823KL	984KL	1.14ML	1.30ML
XL80 (14.71m)	195KL	371KL	549KL	726KL	903KL	1.10ML	1.30ML	1.43ML
XL85 (15.37m)	213KL	406KL	601KL	794KL	987KL	1.18ML	1.37ML	1.57ML
XL90 (16.05m)	232KL	442KL	654KL	864KL	1.10ML	1.28ML	1.49ML	1.70ML
XL100 (16.71m)	252KL	479KL	710KL	938KL	1.17ML	1.39ML	1.62ML	1.85ML
XL110 (17.38m)	273KL	518KL	767KL	1.00ML	1.26ML	1.51ML	1.75ML	2.00ML
XL120 (18.05m)	294KL	559KL	828KL	1.10ML	1.36ML	1.63ML	1.89ML	2.16ML
XL130 (18.72m)	316KL	601KL	890KL	1.18ML	1.46ML	1.75ML	2.03ML	2.32ML
XL140 (19.39m)	339KL	645KL	955KL	1.26ML	1.57ML	1.88ML	2.18ML	2.49ML
XL150 (20.05m)	363KL	690KL	1.02ML	1.35ML	1.68ML	2.01ML	2.34ML	2.66ML

BlueScope Water Tanks provides water storage solutions to leading Australian and international organisations working in the agricultural, oil and gas, mining, utilities, humanitarian, education, local government and industrial sectors.

All our products meet the required Australian Standards and are independently verified by consulting engineers.

'Built stronger to last longer'

Renowned for their excellent design, Pioneer steel water tanks have set the benchmark for reliability and durability. Throughout Australia, Pioneer is widely recognized for providing cost effective, well engineered water storage tanks for the most essential, demanding operations. Available in capacities between 12,000 & 2,600 litres.

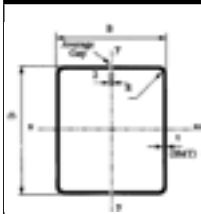
'The market leader in cents per litre'

Designed for domestic, rural and agricultural uses. WaterPoint tanks incorporate the most advanced technology in tank lining, wall panelling and roof design to deliver the best performance and value for money.

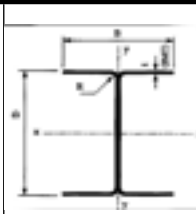
For further information, please call 1800 240 477

Compound Plain Channels

Compound Plain Channels (toe to toe - back to back)



D = Depth of section
B = Breadth of section
R = Corner radius of section
t = Thickness of section



D = Depth of section
B = Breadth of section
R = Corner radius of section
t = Thickness of section

Plain Channels (toe to toe)

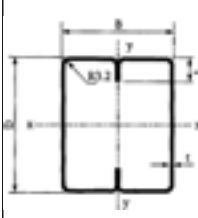
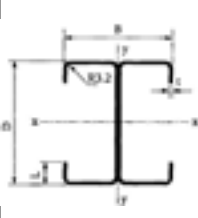
Section	Nominal Dimensions				Section Area mm ²	Mass	
	D	B	R	t		Galv.	Black.
	mm					kg/m	
2/TC05116	51	33	1.6	1.6	240	1.93	1.88
2/TC05130	51	53	3.2	3.0	540	4.29	4.24
2/TC05725	57	55	2.5	2.5	500	3.99	3.93
2/TC06425	64	47	2.5	2.5	500	3.99	3.93
2/TC07630	76	77	3.2	3.0	840	6.58	6.50
2/TC08330	83	71	3.2	3.0	840	6.58	6.50
2/TC08930	89	65	3.2	3.0	840	6.58	6.50
2/TC09530	95	73	3.2	3.0	930	7.30	7.21
2/TC10330	103	65	3.2	3.0	930	7.30	7.21
2/TC10230	102	113	3.2	3.0	1200	9.54	9.42
2/TC12730	127	101	3.2	3.0	1320	10.25	10.13
2/TC15230	152	103	3.2	3.0	1470	11.44	11.31

Plain Channels (back to back)

Section	Nominal Dimensions				Section Area mm ²	Mass	
	D	B	R	t		Galv.	Black.
	mm					kg/m	
2/TC05116	51	33	1.6	1.6	240	1.93	1.88
2/TC05130	51	53	3.2	3.0	540	4.29	4.24
2/TC05725	57	55	2.5	2.5	500	3.99	3.93
2/TC06425	64	47	2.5	2.5	500	3.99	3.93
2/TC07630	76	77	3.2	3.0	840	6.58	6.50

Plain Channels (back to back)							
Section	Nominal Dimensions				Section Area mm ²	Mass	
	D	B	R	t		Galv.	Black.
	mm					kg/m	
2/TC08330	83	71	3.2	3.0	840	6.58	6.50
2/TC08930	89	65	3.2	3.0	840	6.58	6.50
2/TC09530	95	73	3.2	3.0	930	7.30	7.21
2/TC10330	103	65	3.2	3.0	930	7.30	7.21
2/TC10230	102	113	3.2	3.0	1200	9.54	9.42
2/TC12730	127	101	3.2	3.0	1320	10.25	10.13
2/TC15230	152	103	3.2	3.0	1470	11.44	11.31

Compound Lipped Channels

Compound Lipped Channels (toe to toe - back to back)			
	<p>D = Depth of section B = Breadth of section L = Lip length of section t = Thickness of section</p>		<p>D = Depth of section B = Breadth of section L = Lip length of section t = Thickness of section</p>

Lipped Channels (toe to toe)							
Section	Nominal Dimensions				Section Area mm ²	Mass	
	D	B	L	t		Galv.	Black.
	mm					kg/m	
2/TL05116	51	35	9	1.6	416	3.29	3.22
2/TL06425	64	38	10	2.5	726	5.74	5.65
2/TL07625	76	44	11	2.5	876	6.70	6.60
2/TL10225	102	51	14	2.5	1100	8.57	8.44
2/TL10230	102	51	16	3.0	1320	10.10	9.99
2/TC12725	127	51	14	2.5	1224	9.48	9.34

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Lipped Channels (toe to toe)							
Section	Nominal Dimensions				Section Area mm ²	Mass	
	D	B	L	t		Galv.	Black.
	mm					kg/m	
2/TL12730	127	51	16	3.0	1470	11.20	11.07
2/TL15230	152	64	16	3.0	1800	13.78	13.61
2/TL20330	203	76	18	3.0	2280	17.40	17.19
2/TL25430	254	89	23	3.0	2760	21.41	21.15

Lipped Channels (back to back)							
Section	Nominal Dimensions				Section Area mm ²	Mass	
	D	B	L	t		Galv.	Black.
	mm					kg/m	
2/TL05116	51	35	9	1.6	416	3.29	3.22
2/TL06425	64	38	10	2.5	726	5.74	5.65
2/TL07625	76	44	11	2.5	876	6.70	6.60
2/TL10225	102	51	14	2.5	1100	8.57	8.44
2/TL10230	102	51	16	3.0	1320	10.10	9.99
2/TC12725	127	51	14	2.5	1224	9.48	9.34
2/TL12730	127	51	16	3.0	1470	11.20	11.07
2/TL15230	152	64	16	3.0	1800	13.78	13.61
2/TL20330	203	76	18	3.0	2280	17.40	17.19
2/TL25430	254	89	23	3.0	2760	21.41	21.15

A typical metal building system consists of primary rigid frames, secondary members, cladding and bracing. There are a number of shapes available as structural members including open sections and built up sections. I.e "C" sections, double channels as above. Structural shapes can be used in buildings as eave struts, purlins, girts, studs, headers, floor joists, braces and other building components.



Pipes & Associated Products

Steel Pipe – Extra Light

Steel Pipe - Extra Light AS/NZS1163 C350L0 & GRD350									
Nominal Size (NB)	Outside Diameter mm	Wall Thickness mm	Quantity per Sling 6.5m	Common Description	Plain End Pipes				Sling Dimension mm x mm
					Oiled/Painted/ PreGal		Hot Dipped Galvanized		
					kg/m	Sling Mass	kg/m	Sling Mass	
20	26.9	2.0	127	Extra Light	1.23	1.016	1.28	1.057	350 x 306
25	33.7	2.0	91	Extra Light	1.56	0.923	1.62	0.960	371 x 326
32	42.2	2.0	61	Extra Light	1.99	0.790	2.07	0.821	382 x 336
40	48.3	2.3	61	Extra Light	2.61	1.035	2.70	1.072	435 x 383
50	60.3	2.3	37	Extra Light	3.29	0.792	3.40	0.819	422 x 374
65	76.1	2.3	37	Extra Light	4.19	1.008	4.33	1.042	533 x 472
80	88.9	2.6	19	Extra Light	5.53	0.683	5.75	0.711	445 x 397
90	101.6	2.6	19	Extra Light	6.35	0.785	6.64	0.821	508 x 454
100	114.3	3.2	19	Extra Light	8.77	1.084	9.05	1.118	572 x 510
125	139.7	3.0	13	Extra Light	10.1	0.855	10.5	0.888	699 x 382
150	165.1	3.0	10	Extra Light	12.0	0.781	12.4	0.807	660 x 451

The above pipe items may also be available in an oiled finish or a painted finish. Please check.

Product Description

C350 L0, is an all purpose tubing that is available in a range of sizes, wall thickness and finishes.

C350 L0 tube is manufactured by cold-forming and by the electric resistance welding process.

The cold-forming process provides controls to give tight dimensional tolerances for the sections. The cold-forming process also enhances the strength, hardness and surface finish of these products. The electric resistance welding produces a high quality weld. The internal weld bead must be a minimum of 1mm or less. Extra Light pipes are normally available in NOPC, Oiled Black, Painted, PreGal or Hot Dipped Galvanized Finish.

N.B. Some Extra Light pipes are subject to a mill minimum order quantities. Please check with your local steel outlet.

Unless noted pipes are supplied as 6.500 metre long. A small number of sizes may also be available as 7.200 metre long.

Specification

Calculated in accordance with AS/NZS 1163 - C350 L0.

Extra Light Black Pipes 20NB, 25NB, 50NB & 65NB may be supplied to GRD350 finish.

End Colour Coding

Extra Light - Green

Bending

Special formers are available to allow for the supportive bending of these high strength, thinner wall pipe sections.

Coatings

Painted products are coated with an Alkyd modified acrylic primer paint to a target thickness of 12 microns. The average is 8-10 microns.

Continued on next page...

DuraGal Plus® products are Hot Dipped Galvanized to AS/NZS 4792 ZB 100/100 and have a minimum average coating of 100 g/m².

N.B. The DuraGal Plus® Range of Extra Light Pipes starts at 25NB. The DuraGal Plus® range detail is displayed under PreGal.

Hot Dipped Galvanized pipes are galvanized to AS/NZS 4792 HDG 300 and have a minimum coating mass of 300 g/m².

Fence Fit Pipe Joiners

“FenceFit” is a swaged pipe joiner that allows for a quick seamless top rail joint to any fence. No screwing or bolting required. Stock sizes available to suit 25NB, 32NB and 40NB pipes. Offered in galvanized finish.

Other sizes and material finishes available - minimum quantities apply. Please check with your local steel outlet.

Steel Pipe – Light

Steel Pipe - Light AS/NZS1163 C350L0 & GRD350									
Nominal Size (NB)	Outside Diameter mm	Wall Thickness mm	Quantity per Sling 6.5m	Common Description	Plain End Pipes				Sling Dimension mm x mm
					Oiled/Painted/ PreGal		Hot Dipped Galvanized		
					kg/m	Sling Mass	kg/m	Sling Mass	
20	26.9	2.3	127	Light	1.40	1.156	1.44	1.190	350 x 306
25	33.7	2.6	91	Light	1.99	1.178	2.05	1.213	371 x 326
32	42.2	2.6	61	Light	2.55	1.012	2.63	1.044	382 x 336
40	48.3	2.9	61	Light	3.25	1.290	3.33	1.321	435 x 383
50	60.3	2.9	37	Light	4.11	0.989	4.21	1.013	422 x 374
65	76.1	3.2	37	Light	5.75	1.383	5.89	1.417	533 x 472
80	88.9	3.2	19	Light	6.76	0.835	6.92	0.855	445 x 397
90	101.6	3.2	19	Light	7.77	0.960	8.02	0.991	508 x 454
100	114.3	3.6	19	Light	9.83	1.215	10.0	1.235	572 x 510
125	139.7	3.5	13	Light	11.8	0.998	12.1	1.023	699 x 382
150	165.1	3.5	10	Light	13.9	0.904	14.4	0.937	660 x 451

The above pipes may also be available in a painted finish.

Product Description

C350 L0, is an all purpose tubing that is available in a range of sizes, wall thickness and finishes.

C350 L0 tube is manufactured by cold-forming and by the electric resistance welding process.

The cold-forming process provides controls to give tight dimensional tolerances for the sections. The cold-forming process also enhances the strength, hardness and surface finish of these products.

The electric resistance welding produces a high quality weld. The internal weld bead must be a minimum of 1mm or less.

Light pipes are normally available in NOPC, Oiled Black, Painted, PreGal or Hot Dipped Galvanized Finish.

N.B. Some Light pipes are subject to a mill minimum order quantities. Please check with your local steel outlet.

Unless noted pipes are supplied as 6.500 metre long. A small number of sizes may also be available as 7.200 metre long.

Specification

Calculated in accordance with AS/NZS 1163 - C350 L0.

Light Black Pipes 20NB, 25NB, 32NB, 40NB & 50NB may be supplied to GRD350 finish.

End Colour Coding

Light - Yellow

Bending

Special formers are available to allow for the supportive bending of these high strength, thinner wall pipe sections.

Coatings

Painted products are coated with an Alkyd modified acrylic primer paint to a target thickness of 12 microns. The average is 8-10 microns.

DuraGal Plus® products are Hot Dipped Galvanized to AS/NZS 4792 ZB 100/100 and have a minimum average coating of 100 g/m².

DuraGal Plus® range of products start at 25NB. The DuraGal Plus® range detail is displayed under PreGal.

Hot Dipped Galvanized pipes are galvanized to Section 2 of AS/NZS 4792 HDG 300 and have a minimum coating mass of 300 g/m².

Other sizes and material finishes available - minimum quantities apply. Please check with your local steel outlet.

Steel Pipe – Medium

Steel Pipe - Medium AS1074 & AS/NZS1163 C250L0									
Nominal Size (NB)	Outside Diameter mm	Wall Thickness mm	Quantity per Sling 6.5m	Common Description	Plain End Pipes				Sling Dimension mm x mm
					Oiled/Painted/ PreGal		Hot Dipped Galvanized		
					kg/m	Sling Mass	kg/m	Sling Mass	
10*	17.2	2.3	217	Medium	0.839	1.184	0.885	1.248	300 x 260
15*	21.3	2.6	217	Medium	1.21	1.690	1.24	1.735	362 x 316
20	26.9	2.6	127	Medium	1.56	1.290	1.60	1.321	350 x 306
25	33.7	3.2	91	Medium	2.41	1.426	2.46	1.456	371 x 326
32	42.4	3.2	61	Medium	3.10	1.230	3.17	1.257	382 x 336
40	48.3	3.2	61	Medium	3.57	1.416	3.64	1.444	435 x 383
50	60.3	3.6	37	Medium	5.03	1.210	5.14	1.237	422 x 374
65	76.1	3.6	37	Medium	6.43	1.547	6.56	1.578	533 x 472
80	88.9	4.0	19	Medium	8.37	1.034	8.53	1.054	445 x 397
90	101.6	4.0	19	Medium	9.63	1.190	9.81	1.212	508 x 454
100	114.3	4.5	19	Medium	12.2	1.507	12.4	1.531	572 x 510
125	139.7	5.0	13	Medium	16.6	1.403	16.9	1.429	699 x 382
150	165.1	5.0	10	Medium	19.7	1.281	20.0	1.301	660 x 451

*This item is sourced locally and supplied as (ETC) 17.2mm O.D. x 2.3mm W.T. and to an in house specification - TS22. | *Item no longer offered in screwed ends and may also be subject to any minimum order quantities.

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Notes

The above Medium pipe sections are no longer offered in an End Finish other than Plain Ends.

Other End Finishes such as Screwed One/Both Ends or Screwed and Socketed may be subject to minimum ordering requirements.

Sizes 25NB to 150NB may be ordered in a RED painted finish for use in the Fire Protection Industry.

Unless noted, pipes are supplied as 6.500 metre lengths.

Please note, Special length requirements may be subject to minimum ordering requirements.

Tip: Galvanized pipe that needs to be powder coated, should be first degassed to avoid "cratering" of the finished surface.

Tip: The minimum suggested bending radius is 6 times the outside diameter of the pipe based on the centreline of the bend radius.

Manufactured to Australian Standards

Dual Specifications - AS 1074 and AS/NZS 1163 C250L0

Coatings

Painted products are coated with an Alkyd modified acrylic primer paint to a target thickness of 12 microns. The average is 8-10 microns.

Hot Dipped Galvanized pipes are galvanized to Section 2 of AS/NZS 4792 HDG 300 and have a minimum coating mass of 300 g/m²

End Colour Coding

Medium - Blue

Steel Pipe – Heavy & Extra Heavy

Steel Pipe - Heavy - Extra Heavy AS1074 & AS/NZS1163 C250L0									
Nominal Size (NB)	Outside Diameter mm	Wall Thickness mm	Quantity per Sling 6.5m	Common Description	Plain End Pipes				Sling Dimension mm x mm
					Black/Oiled		Hot Dipped Galvanized		
					kg/m	Sling Mass	kg/m	Sling Mass	
20	26.9	3.2	127	Heavy	1.87	1.540	1.92	1.585	350 x 306
25	33.7	4.0	91	Heavy	2.94	1.740	2.99	1.769	371 x 326
32	42.4	4.0	61	Heavy	3.80	1.507	3.87	1.535	382 x 336
40	48.3	4.0	61	Heavy	4.38	1.737	4.46	1.769	435 x 383
		5.4		X-Heavy	5.71	2.264	n/a	n/a	
50	60.3	4.5	37	Heavy	6.19	1.489	6.30	1.516	422 x 374
		5.4		X-Heavy	7.31	1.759	n/a	n/a	
65	76.1	4.5	37	Heavy	7.93	1.908	8.07	1.941	533 x 472
		5.9		X-Heavy	10.2	2.454	n/a	n/a	
80	88.9	5.0	19	Heavy	10.3	1.273	10.5	1.297	445 x 397
		5.9		X-Heavy	12.1	1.495	n/a	n/a	
90	101.6	4.0	19	Heavy	11.9	1.470	12.1	1.495	508 x 454
100	114.3	4.5	19	Heavy	14.5	1.791	14.7	1.816	572 x 510
125	139.7	5.0	13	Heavy	17.9	1.513	18.1	1.530	699 x 382
150	165.1	5.0	10	Heavy	21.3	1.385	21.6	1.405	660 x 451

The above pipe sections are no longer offered in an End Finish other than Plain Ends.

Unless noted, pipes are supplied as 6.500 metre lengths.

Please note, some sections may be subject to minimum ordering requirements.

Tip: Galvanized pipe that needs to be powder coated, should be first degassed to avoid "cratering" of the finished surface.

Tip: Heavy pipe may be supplied in a galvanized form but Extra Heavy pipe may only be supplied galvanized on request.

Tip: Extra Heavy pipes are often used as steam pipes and therefore insulated in some way. As shown below.

The surface finish is supplied in accordance with all Australian Standards but may show some defects that will be covered by insulation.

Manufactured to Australian Standards

Dual Specification: AS 1074 and AS/NZS 1163 C250L0.

Coatings

Hot Dipped Galvanized pipes are galvanized to AS/NZS 4792 HDG 300 and have a minimum coating mass of 300 g/m².

N.B. Extra Heavy pipes may be supplied Hot Dipped Galvanized on request and may have a minimum order quantity.

L0 - Pronounced, "L Zero", is the lowest ambient temperature to which these products had been tested.

End Colour Coding

Heavy - Red

Extra Heavy - No Colour

Extra Light, Light & Medium ALLGAL[®] Pipes

**Steel Pipe - Extra Light - Light - Medium
AS/NZS 1163 & AS 1074 C350L0/GRD250L0**

Nominal Size (NB)	Outside Diameter mm	Wall Thickness mm	Quantity per Sling 6.5m	Common Description	Plain End Pipes				Sling Dimension mm x mm
					AllGal Grade C350 L0		AllGal Grade C250 L0		
					kg/m	Sling Mass	kg/m	Sling Mass	
20	26.9	2.0	127	Extra Light	1.23	1.016			350 x 306
		2.3		Light	1.40	1.156			
		2.6		Medium			1.56	1.290	
25	33.7	2.0	91	Extra Light	1.56	0.923			371 x 326
		2.6		Light	1.99	1.178			
		3.2		Medium			2.41	1.426	
32	42.2	2.0	61	Extra Light	1.99	0.790			382 x 336
		2.6		Light	2.55	1.012			
		3.2		Medium			3.10	1.230	

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**Steel Pipe - Extra Light - Light - Medium
AS/NZS 1163 & AS 1074 C350L0/GRD250L0**

Nominal Size (NB)	Outside Diameter mm	Wall Thickness mm	Quantity per Sling 6.5m	Common Description	Plain End Pipes				Sling Dimension mm x mm
					AllGal Grade C350 L0		AllGal Grade C250 L0		
					kg/m	Sling Mass	kg/m	Sling Mass	
40	48.3	2.3	61	Extra Light	2.61	1.035			435 x 383
		2.9		Light	3.25	1.290			
		3.2		Medium			3.57	1.416	
50	60.3	2.3	37	Extra Light	3.29	0.792			422 x 374
		2.9		Light	4.11	0.989			
		3.6		Medium			5.03	1.210	
65	76.1	2.3	37	Extra Light	4.19	1.008			533 x 472
		3.2		Light	5.75	1.383			
		3.6		Medium			6.43	1.547	
80	88.9	2.6	19	Extra Light	5.53	0.683			445 x 397
		3.2		Light	6.76	0.835			
		4.0		Medium			8.37	1.034	
90	101.6	2.6	19	Extra Light	6.35	0.785			508 x 454
		3.2		Light	7.77	0.960			
		4.0		Medium			9.63	1.190	
100	114.3	3.2	19	Extra Light	8.77	1.084			572 x 510
		3.6		Light	9.83	1.215			
		4.5		Medium			12.2	1.507	
125	139.7	3.0	13	Extra Light	10.1	0.855			699 x 382
		3.5		Light	11.8	0.998			
		5.0		Medium			16.6	1.403	
150	165.1	3.0	10	Extra Light	12.0	0.781			660 x 451
		3.5		Light	13.9	0.904			
		5.0		Medium			19.7	1.281	

Standard pipe lengths are 6.500m.

Notes

Non standard sizes, surface finishes and lengths available subject to enquiry.

Minimum order quantities may be strictly applied.

ALLGAL®

ALLGAL is manufactured from steel which is zinc coated in-line with high purity zinc on both sides prior to being cold-formed into a hollow section. Therefore all ALLGAL products are protected from corrosion on the inside and out.

The thickness of ALLGAL's protective zinc coating is uniform and consistent making it easier to weld and causes considerably less weld spatter than that of a hot-dipped galvanized product.

ALLGAL's unique smooth and consistent zinc coated surface provides an ideal substrate for powder-coating compared to hot-dipped galvanized steel products which can be prone to surface unevenness and flaking.

End Colour Coding

Extra Light - Green

Light - Yellow

Medium - Blue

Telescoping Pipes - CHS

Telescoping Pipes - CHS Guide				
NB	Female (Outer)		Male (Inner)	
	Pipe term.	O.D. x t.	N.B.	Clear-mm
10	Medium	17.2 x 2.3	n/a	n/a
	Heavy	17.2 x 2.9	n/a	n/a
15	Light	21.3 x 2.0	n/a	n/a
	Medium	21.3 x 2.6	8	1.6
	Heavy	21.3 x 3.2	8	0.4
20	Extra Light	26.9 x 2.0	15	0.4
	Light	26.9 x 2.3	10	4.1
	Medium	26.9 x 2.6	10	3.5
	Heavy	26.9 x 3.2	10	2.2
25	Extra Light	33.7 x 2.0	20	1.6
	Light	33.7 x 2.6	20	0.4
	Medium	33.7 x 3.2	15	4.8
	Heavy	33.7 x 4.0	15	3.2
32	Extra Light	42.4 x 2.0	25	3.5
	Light	42.4 x 2.6	25	2.3
	Medium	42.4 x 3.2	25	1.1
	Heavy	42.4 x 4.0	20	6.3
40	Extra Light	48.3 x 2.3	32	0.1
	Light	48.3 x 2.9	25	7.6
	Medium	48.3 x 3.2	25	7.0
	Heavy	48.3 x 4.0	25	5.4
	Scaffold	48.3 x 4.9	25	2.4
	Extra Heavy	48.3 x 5.4	n/a	n/a

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Telescoping Pipes - CHS Guide				
NB	Female (Outer)		Male (Inner)	
	Pipe term.	O.D. x t.	N.B.	Clear-mm
50	Extra Light	60.3 x 2.3	40	6.4
	Light	60.3 x 2.9	40	5.2
	Medium	60.3 x 3.6	40	3.8
	Heavy	60.3 x 4.0	40	2.0
	Extra Heavy	60.3 x 5.4	40	0.2
65	Extra Light	76.1 x 2.3	50	9.8
	Light	76.1 x 3.2	50	8.0
	Medium	76.1 x 3.6	50	7.2
	Heavy	76.1 x 4.5	50	5.4
	Extra Heavy	76.1 x 5.9	50	2.6
80	Extra Light	88.9 x 2.6	65	6.0
	Light	88.9 x 3.2	65	4.8
	Medium	88.9 x 4.0	65	3.2
	Heavy	88.9 x 4.9	65	1.2
	Extra Heavy	88.9 x 5.9	50	15.3
90	Extra Light	101.6 x 2.6	80	5.6
	Light	101.6 x 3.2	80	4.4
	Medium	101.6 x 4.0	80	2.8
	Heavy	101.6 x 5.0	80	0.8
100	Extra Light	114.3 x 3.2	90	4.1
	Light	114.3 x 3.6	90	3.3
	Medium	114.3 x 4.5	90	1.5
	Heavy	114.3 x 5.4	80	12.6
125	Extra Light	139.7 x 3.0	100	16.9
	Light	139.7 x 3.5	100	15.9
	Medium	139.7 x 5.0	100	12.9
	Heavy	139.7 x 5.4	100	12.1
150	Extra Light	165.1 x 3.0	125	16.4
	Light	165.1 x 3.5	125	15.4
	Medium	165.1 x 5.0	125	12.4
	Heavy	165.1 x 5.4	125	11.6

Note

Hot Dipped Galvanized CHS are not precision tubes and all dimensions shown in this chart, although in accordance with the specifications, may vary marginally. The internal weld bead height may need to be considered when a closer fit is required.

How to use this chart

1. Select the size of female (or outside) CHS closest to your needs from the left hand columns.
2. Depending on the application select the clearance required between the two members. Members may need to slide freely inside each other, or be locked with a pin, spot weld or fixed with wedges. This means in some cases, a 'sloppy' fit may be suitable while for others the tightest fit possible may be appropriate.
3. Having selected the most suitable clearance for your application take the size of the male (inner) selection from column three.

4. Where two telescoping sections are being used, thickness should be similar and will be determined by normal structural requirements. If a third section is to be used, consideration of both clearance and thickness within the size list available may be required.

5. CHS may need to be fixed against twisting by welding or bolting.
6. Press Fit. For short pieces with no need for separation or sliding an interference fit can be achieved using the available ductility of the steel.

○ Sizes with a clearance less than 2.0mm are shown highlighted in the charts.

For tight fits, it is recommended that some form of testing is carried out prior to committing material. Where telescoping over some length is desired, additional allowance may be needed for straightness.

ERW Linepipes

ERW Linepipes API5LB - ASTM A53/A53M - ASME B36.10															
Pipe Size		*Non Schedule	Schedule Numbers												
N.B.	O.D.	Size & kg/m	10	20	30	STD	40	60	XS	80	100	120	140	160	XXS
15	21.3					2.77	2.77		3.73	3.73				4.78	7.47
						1.27	1.27		1.62	1.62				1.95	2.55
20	26.7					2.87	2.87		3.91	3.91				5.56	7.82
						1.69	1.69		2.20	2.20				2.90	3.64
25	33.4					3.38	3.38		4.55	4.55				6.35	9.09
						2.50	2.50		3.24	3.24				4.24	5.45

Continued on next page...

ERW Linepipes
API5LB - ASTM A53/A53M - ASME B36.10

Pipe Size		*Non Schedule	Schedule Numbers												
N.B.	O.D.	Size & kg/m	10	20	30	STD	40	60	XS	80	100	120	140	160	XXS
32	42.2					3.56	3.56		4.85	4.85				6.35	9.70
						3.39	3.39		4.47	4.47				5.61	7.77
40	48.3					3.68	3.68		5.08	5.08				7.14	10.16
						4.05	4.05		5.41	5.41				7.25	9.56
50	60.3					3.91	3.91		5.54	5.54				8.74	11.07
						5.44	5.44		7.48	7.48				11.11	13.44
65	73.0					5.16	5.16		7.01	7.01				9.52	14.02
						8.63	8.63		11.41	11.41				14.92	20.39
80	88.9					5.49	5.49		7.62	7.62				11.13	15.24
						11.29	11.29		15.27	15.27				21.35	27.67
100	114.3					6.02	6.02		8.56	8.56				13.49	17.12
						16.07	16.07		22.32	22.32				33.54	41.03
125	141.3					6.55	6.55		9.53	9.53				15.88	19.05
						21.77	21.77		30.97	30.97				49.11	57.43
150	168.3					7.11	7.11		10.97	10.97				18.26	21.95
						16.09	16.09		22.32	22.32				41.03	49.11
150	193.5					6.35*	6.35*		9.53	9.53				15.88	19.05
						21.77	21.77		30.97	30.97				49.11	57.43
150	253.5					7.11	7.11		10.97	10.97				18.26	21.95
						16.09	16.09		22.32	22.32				41.03	49.11
150	282.6					7.11	7.11		10.97	10.97				18.26	21.95
						16.07	16.07		22.32	22.32				41.03	49.11
150	282.6					7.11	7.11		10.97	10.97				18.26	21.95
						16.07	16.07		22.32	22.32				41.03	49.11
150	425.6					7.11	7.11		10.97	10.97				18.26	21.95
						16.07	16.07		22.32	22.32				41.03	49.11
150	425.6					7.11	7.11		10.97	10.97				18.26	21.95
						16.07	16.07		22.32	22.32				41.03	49.11
150	542.0					7.11	7.11		10.97	10.97				18.26	21.95
						16.07	16.07		22.32	22.32				41.03	49.11
150	675.6					7.11	7.11		10.97	10.97				18.26	21.95
						16.07	16.07		22.32	22.32				41.03	49.11
150	792.2					7.11	7.11		10.97	10.97				18.26	21.95
						16.07	16.07		22.32	22.32				41.03	49.11

**ERW Linepipes
API5LB - ASTM A53/A53M - ASME B36.10**

Pipe Size		*Non Schedule	Schedule Numbers													
N.B.	O.D.	Size & kg/m	10	20	30	STD	40	60	XS	80	100	120	140	160	XXS	
200	219.1	4.78*		6.35	7.04		8.18	10.31	12.70	12.70	15.09	18.26	20.62	23.01	22.23	
		25.37		33.31	36.81		42.55	53.08	64.64	64.64	75.92	90.44	100.92	111.27	107.92	
250	273.1	4.78*		6.35	7.80		9.27	12.70	12.70	15.09	18.26	21.44	25.40	28.57	25.40	
		31.76		41.77	51.03		60.31	81.55	96.01	114.75	133.06	155.15	172.33	186.97	155.15	
300	323.9			6.35	8.38		9.53	10.31	12.70	17.48	21.44	25.40	28.57	33.32	25.40	
				49.73	65.2		73.88	108.96	132.08	159.91	186.97	208.14	238.76	254.0	186.97	
350	355.6		6.35	7.92	9.53		9.53	11.13	12.70	19.05	23.83	27.79	31.75	35.71		
			54.59	67.90	81.33		81.33	94.55	107.10	158.10	194.96	224.65	253.56	281.70		
400	406.4		6.35	7.92	9.53		9.53	12.70	16.66	21.44	26.19	30.96	36.53	40.49		
			62.64	77.83	93.27		93.27	123.30	160.12	203.53	245.56	286.64	333.19	365.35		
450	457.2		6.35	7.92	11.13		9.53	14.27	19.05	23.88	29.36	34.93	39.67	45.24		
			70.57	87.71	122.38		105.16	155.80	205.74	254.55	309.62	363.56	408.26	459.37		
500	508.0		6.35	9.53	12.70		9.53	15.09	20.62	26.19	32.54	38.10	44.45	50.01		
			78.55	117.15	155.12		117.15	183.42	247.83	311.17	381.53	441.49	508.11	564.81		
600	609.6		6.35	9.53	14.27		9.53	17.48	24.61	30.96	38.89	46.02	52.37	59.54		
			94.53	141.12	209.64		141.12	255.41	355.26	442.08	547.71	640.03	720.15	808.22		

Continued on next page...

**ERW Linepipes
API5LB - ASTM A53/A53M - ASME B36.10**

Pipe Size		*Non Schedule	Schedule Numbers												
N.B.	O.D.	Size & kg/m	10	20	30	STD	40	60	XS	80	100	120	140	160	XXS
650	660		7.92			9.53			12.70						
			127.36			152.87			202.72						
700	711		7.92		15.88	9.53			12.70						
			137.32		271.21	164.85			218.69						
750	762		7.92		15.88	9.53			12.70						
			147.28		292.18	176.84			234.67						

○ Wall thickness (mm) listed in shaded area. ○ Weight (kg/m) listed in unshaded area.

Items marked * are Non Schedule Sizes but are Linepipe sizes stocked at most sites.

End Preparation:- Bevelled ends for API steel linepipe are normally to API specification - Angle 30° + 5° - 0°.

Sizes may range from 6mm nominal bore to 1050mm nominal bore. (Full range is not shown). Lengths are normally 12.0 metre.

Some Linepipes sizes may also be covered by the following specifications:- AS1163 C350 and AS1396. (Please check your stockist).

Note: All weights are theoretical and approximate in accordance with the relevant standards.

Seamless Linepipes

**Seamless Linepipes
ASTM A106B**

Pipe Size		Schedule Numbers												
N.B.	O.D.	10	20	30	STD	40	60	XS	80	100	120	140	160	XXS
15	21.3				2.77	2.77		3.73	3.73				4.78	7.47
					1.27	1.27		1.62	1.62				1.95	2.55

**Seamless Linepipes
ASTM A106B**

Pipe Size		Schedule Numbers												
N.B.	O.D.	10	20	30	STD	40	60	XS	80	100	120	140	160	XXS
20	26.7				2.87	2.87		3.91	3.91				5.56	7.82
					1.69	1.69		2.20	2.20				2.90	3.64
25	33.4				3.38	3.38		4.55	4.55				6.35	9.09
					2.50	2.50		3.24	3.24				4.24	5.45
32	42.2				3.56	3.56		4.85	4.85				6.35	9.70
					3.39	3.39		4.47	4.47				5.61	7.77
40	48.3				3.68	3.68		5.08	5.08				7.14	10.15
					4.06	4.06		5.41	5.41				7.25	9.56
50	60.3				3.91	3.91		5.54	5.54				8.74	11.07
					5.44	5.44		7.48	7.48				11.11	13.44
65	73.0				5.16	5.16		7.01	7.01				9.53	14.02
					8.63	8.63		11.41	11.41				14.92	20.39
80	88.9				5.49	5.49		7.62	7.62				11.13	15.24
					11.29	11.29		15.27	15.27				21.35	27.68
90	101.6				5.74	5.74		8.08	8.08					
					13.57	13.57		18.63	18.63					

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**Seamless Linepipes
ASTM A106B**

Pipe Size		Schedule Numbers												
N.B.	O.D.	10	20	30	STD	40	60	XS	80	100	120	140	160	XXS
400	406.4													
	62.64	6.35	7.92	9.53	9.53	9.53	12.70	16.66	12.70	21.44	24.56	30.96	36.53	40.49
350	355.6	54.69	67.90	81.33	81.33	94.55	126.71	107.39	158.10	194.96	224.65	253.56	281.70	
	62.64	6.35	7.92	9.53	9.53	11.13	15.09	12.70	19.05	23.83	27.97	31.75	35.71	
300	323.9													
	62.64	6.35	7.92	9.53	9.53	10.31	14.27	12.70	17.48	21.44	25.40	28.58	33.32	38.97
250	273.1													
	62.64	6.35	7.92	9.53	9.53	10.31	14.27	12.70	17.48	21.44	25.40	28.58	33.32	38.97
200	219.1													
	62.64	6.35	7.92	9.53	9.53	10.31	14.27	12.70	17.48	21.44	25.40	28.58	33.32	38.97
150	168.3													
	62.64	6.35	7.92	9.53	9.53	10.31	14.27	12.70	17.48	21.44	25.40	28.58	33.32	38.97
125	141.3													
	62.64	6.35	7.92	9.53	9.53	10.31	14.27	12.70	17.48	21.44	25.40	28.58	33.32	38.97
100	114.3													
	62.64	6.35	7.92	9.53	9.53	10.31	14.27	12.70	17.48	21.44	25.40	28.58	33.32	38.97

**Seamless Linepipes
ASTM A106B**

Pipe Size		Schedule Numbers												
N.B.	O.D.	10	20	30	STD	40	60	XS	80	100	120	140	160	XXS
450	457.2	6.35	7.92	11.13	9.53	14.27	19.05	12.70	23.88	29.36	34.93	39.67	45.24	
		70.57	87.71	122.36	105.16	155.80	205.74	139.15	254.55	309.62	363.56	408.26	459.37	

○ Wall thickness (mm) listed in shaded area. ○ Weight (kg/m) listed in unshaded area.

Pipe Ends Finish.

≤ 48.3mm O.D., sizes are supplied with plain ends cut square. Lengths may be available in 6.0m or 12.0m.

≥ 48.3mm O.D., sizes (except for Double Extra-Strong pipe) are supplied with plain ends bevelled. Lengths supplied in 12.0m.

All Double Extra-Strong pipe is supplied with plain ends cut square. Lengths are supplied in 12.0m.

End Preparation:-

Bevelled ends for API steel linepipe are normally to API specification - Angle 30° + 5° - 0°.

Bevelled ends for steel pipe to ASTM specification are normally to ANSI B16.25 - Angle 30° + 5° - 0°.

The Dimensional standards for pipe to ASME B36.10 includes products covered by the following material specifications.

ASTM - A53, A106, A135, A139, A333, A335, A369, A379, A381, A405, A409M, A426, A523, A524 and A530.

Large Diameter Structural ERW Pipes

**Large Structural Pipes
AS/NZS 1163 - C350L0 - Normally supplied in a 12m length**

Outside Diameter mm	Nominal Bore (NB)	Thickness mm	Mass kg/m	Nominal metres/tonne	Lengths per Sling	Sling weight - t.
88.9	80	5.5	11.31	88.42	19	2.579
		7.6	15.24	65.62	19	3.475
114.3	100	4.8	12.96	77.16	10	1.555
		6.0	16.02	62.42	10	1.922
		8.6	22.42	44.60	10	2.690
141.3	125	4.8	16.16	61.88	13	2.521
		6.6	21.92	45.62	13	3.420
		9.5	30.88	32.38	13	4.817

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Red Painted Pipes

Medium Red Painted Pipes. Supplied in 6.500m lengths					
N.B. mm	O.D. mm	Wall mm	Mass kg/m	Qty per Sling	Mass/ Sling
25	33.7	3.2	2.41	91	1429
32	42.4	3.2	3.10	61	1232
40	48.3	3.2	3.57	61	1419
50	60.3	3.6	5.03	37	1213
65	76.1	3.6	6.43	37	1549
80	88.9	4.0	8.37	19	1037
90	101.6	4.0	9.63	19	1192
100	114.3	4.5	12.2	19	1510
125	139.7	5.0	16.6	13	1406
150	165.1	5.0	19.7	10	1284

These Red Painted pipes may be subject to minimum order quantities from the various pipe mills. | Dual Specified:- AS1074 and AS/NZS 1163 C250L0. | Supplied Painted Red for the Fire Protection Industry.

Large Structural Pipes
AS/NZS 1163 - C350L0 - Normally supplied in a 12m length

Outside Diameter mm	Nominal Bore (NB)	Thickness mm	Mass kg/m	Nominal metres/tonne	Lengths per Sling	Sling weight - t.
168.3	150	4.8	19.4	51.68	7	1.625
		6.4	25.6	39.06	7	2.150
		7.1	28.2	35.46	7	2.369
		11.0	42.7	23.44	7	3.584
219.1	200	4.8	25.4	39.37	1	0.305
		6.4	33.6	29.76	1	0.403
		8.2	42.6	23.47	1	0.511
		12.7	64.6	15.47	1	0.776
273.1	250	4.8	31.8	31.45	1	0.382
		6.4	42.1	23.75	1	0.505
		9.3	60.5	16.53	1	0.726
		12.7	81.6	12.25	1	0.979
323.9	300	4.8	37.8	26.48	1	0.453
		6.4	50.1	19.96	1	0.601
		9.5	73.7	13.57	1	0.884
		12.7	97.5	10.26	1	1.170
355.6	350	6.4	55.1	18.15	1	0.661
		9.5	81.1	12.33	1	0.973
		12.7	107.0	9.35	1	1.284
406.4	400	6.4	63.1	15.85	1	0.757
		9.5	93.0	10.75	1	1.116
		12.7	123.0	8.13	1	1.476
457.0	450	4.8	53.5	18.68	1	0.642
		6.4	71.1	14.06	1	0.853
		9.5	105.0	9.52	1	1.260
		12.7	139.0	7.19	1	1.668
508.0	500	6.4	79.2	12.63	1	0.950
		9.5	117.0	8.55	1	1.404
		12.7	155.0	6.45	1	1.860
610.0	600	6.4	95.3	10.50	1	1.143
		9.5	140.7	7.11	1	1.688
		12.7	186.1	5.37	1	2.233

Not for use as linepipes - Structural use only. Other size pipes may be available - please check with our sales office.

Black Steel Flanges
















Black Steel Flanges. (ASME & Plate) AS 2129									
ASME Flanges		Plate Steel Flanges to AS 2129							
		NB Size mm	Table "D"		Table "E"		Table "H"		
			SOW	Blind	SOW	Blind	SOW	Blind	
 <p>Blind</p> <p>Slip on</p> <p>Weld neck</p> <p>Socket weld</p> <p>Screwed NPT or BSP</p>	15	-	-	Yes	Yes	-	-		
	20	-	-	Yes	Yes	Yes	-		
	25	-	-	Yes	Yes	Yes	Yes		
	32	-	-	Yes	Yes	Yes	Yes		
	40	-	-	Yes	Yes	Yes	Yes		
	50	-	-	Yes	Yes	Yes	Yes		
	65	-	-	-	Yes	-	Yes		
	65x76	-	-	Yes	-	Yes	-		
	80	-	-	Yes	Yes	Yes	Yes		
	100	Yes	Yes	Yes	Yes	Yes	Yes		
	125	Yes	Yes	Yes	Yes	Yes	Yes		
	150x165	Yes	-	Yes	-	Yes	-		
	150x168	Yes	Yes	Yes	Yes	Yes	Yes		
	200	Yes	Yes	Yes	Yes	Yes	Yes		
	250	Yes	Yes	Yes	Yes	Yes	Yes		
	300	Yes	Yes	Yes	Yes	Yes	Yes		
	350	Yes	Yes	Yes	Yes	-	-		
400	Yes	Yes	Yes	Yes	-	-			
450	Yes	Yes	Yes	Yes	-	-			
500	Yes	Yes	Yes	Yes	-	-			
600	Yes	Yes	Yes	Yes	-	-			
Table Plate Flanges	Availability	NB Size mm	Table "D"		Table "E"		Table "H"		
			SOW	Blind	SOW	Blind	SOW	Blind	
 <p>Slip on</p> <p>Blind</p>	Table 'D'	32	Yes	Yes	Yes	Yes	Yes	Yes	
			40	Yes	Yes	Yes	Yes	Yes	Yes
	Table 'E'	50	Yes	Yes	Yes	Yes	Yes	Yes	
			65x76	Yes	Yes	Yes	Yes	Yes	Yes
	Table 'H'	80	Yes	Yes	Yes	Yes	Yes	Yes	
			100	Yes	Yes	Yes	Yes	Yes	Yes
	Din PN16	125	Yes	Yes	Yes	Yes	Yes	Yes	
	(Not shown.)	150x165	Yes	Yes	Yes	Yes	Yes	Yes	







Typical drilling and Bolt sizes. Note:- Tables D & E detail only shown

Nominal Flange Size DN	Flange O.D./ Holes PCD	Flange Thickness Table D	Flange Thickness Table E	Bolt Diameter mm	Bolts per Flange		Nominal Flange Size DN	Flange O.D./ Holes PCD	Flange Thickness Table D	Flange Thickness Table E	Bolt Diameter mm	Bolts per Flange	
					Table D	Table E						Table D	Table E
15	95/67	5	6	12	4	4	150	280/235	13	17	20	8	8
20	100/73	5	6	12	4	4	200	335/292	13	19	20	8	8
25	115/83	5	7	12	4	4	250	405/356	16	22	20	8	12
32	120/87	6	8	12	4	4	300	455/406	19	25	24	12	12
40	135/98	6	9	12	4	4	350	525/470	22	29	24	12	12
50	150/114	8	10	16	4	4	400	580/521	22	32	24	12	12
65	165/127	8	10	16	4	4	450	640/584	25	35	24	12	16
80	185/146	10	11	16	4	4	500	705/641	29	38	24	16	16
100	215/178	10	13	16	4	8	600	825/756	32	48	30	16	16
125	255/210	13	14	16	8	8	The bolt sizes for Table D may differ from this chart from 150NB upwards.						

Steel Screwed Fittings – Black & Galv

Black & Galvanized Steel Fittings & Unions

Product	Min/Max	Product	Min/Max	Product	Min/Max
	Bends M/M 8 - 100		Reducing Hex Nipple 8x6 100x80		Cross 8 - 50
	Bends Blk Only 8 - 100		Hex Plug 6 - 100		Back Nut 6 - 80
	Bends 45° M/M 15 - 100		Sockets 6 - 150		Barrel Nipple 8 - 80
	Reducing Bush 8x6 100x80		Half Sockets 10 - 100 (Black only)		Pipe Piece 15x100 50x900
	Elbow F/F 6 - 100		Reducing Socket 8x6 100 x 80		
	Elbow M/F 8 - 100				

Black & Galvanized Steel Fittings & Unions					
Product	Min/Max	Product	Min/Max	Product	Min/Max
	Caps 8 - 100		Equal Tee 6 - 150	Unions Conical seated unions Steel/steel unions Steel/bronze seats Bronze/bronze seats	
	Hex Nipple 6 - 100		Reducing Tee 10x8 100 x 80		Union F/F 8 - 100
					Union M/F 8 - 80

Technical Details: Steel Fittings

Materials

Tubular Fittings are made in accordance to AS1074.

Machined fittings are generally made from free cutting steel.

Threads

Female: Parallel BSP Male: Taper BSP

Dimensions

Generally in accordance with BS EN 10241:2000 and AS 3672.

Sockets

"Heavy" type

Technical Details: Unions

Materials

Free cutting steel bodies - bronze seat inserts where applicable.

Threads

BSP Taper / Taper

Working Pressure

8-25mm: 2100kPa MAX CWP

32-100mm:1400 kPa MAX CWP










Unions

Surface Finish

Black: Black Oxide Coated















Galvanized: Electro zinc plated internal & externally.

Steel Fittings & Galv Malleable Fittings

Galvanized Malleable Iron Fittings					
Product	Min/Max	Product	Min/Max	Product	Min/Max
	Back nut 8 - 100		Elbows 65° F/F 15 - 100		Union Flat Seat 8 - 100
	Bends 90° M/F 8 - 100		Elbows 65° M/F 15 - 100		Union Brass Seat 8 - 100
	Bends 90° F/F 8 - 100		Flange Undrilled 15 - 100		Reducing Bush 8x6 150x100

Continued on next page...

Galvanized Malleable Iron Fittings

Product	Min/Max	Product	Min/Max	Product	Min/Max
	Elbow 90° M/F 8 - 150		Hex Nipple 6 - 150		Bend 450 M/F 15 - 150
	Reducing Elbow 90° M/F 8 - 100		Reducing Nipple 8x6 100x80		Cap 8 - 150
	Reducing Elbow 90° 10x20 80x65		Socket 6 - 150		Cross 10 - 100
	Equal Tee 6 - 150		Reducing Socket 10x8 100x80		Flange Drilled 15 - 150
	Reducing Tee 15x8 100x80				Square Head Plug 6 - 150

Technical Details: Galv Malleable Fittings

Material

Black Heart Malleable Iron

Threading

BSP to AS 1722 Part 2 Taper Male/Taper Female.
Except

Back Nuts and Sockets, which have Parallel
Threads

Dimensions

Generally in accordance with BS143, BS1256 and
AS3673.

Slight variations may occur where manufacturer's
dimensions are used.

Finish

Hot Dipped Galvanized.

Working Pressures (Excluding Flanges)

Maximum (Indicative Non Shock Pressures)

1380 kPa Water

1035 kPa Steam, Air, Gas and Oil.

Please Note: Alternate pressures may be
applicable to Pressure Piping Codes and Industry
Regulations.

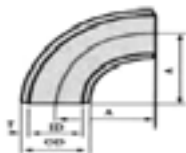
Size Designation

For equal fittings, the joint size should be specified
once.

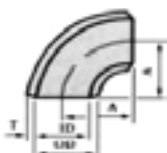
For reducing fittings with two joint sizes, specify the
larger joint first then the smaller joint size.

PTFE "Teflon" Tape is the cleanest, easiest, surest
way of connecting threaded pipe, fittings or valves.

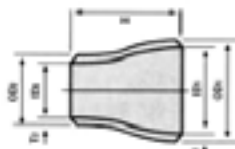
Fittings - Butt weld - Black



90° Long Radius Elbows



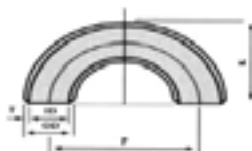
90° Short Radius Elbows



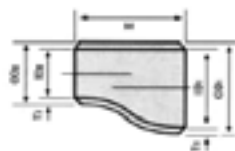
Concentric Reducers



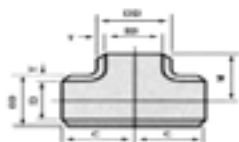
45° Long Radius Elbows



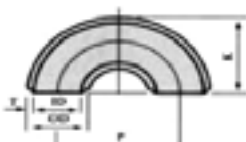
180° Long Radius Bends



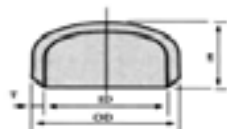
Eccentric Reducers



Equal Tees



180° Short Radius Bends



Caps

Fittings - Butt weld - Seamless Carbon Steel

Product Dimensions.

Standard weight & extra strong fittings; with the exception of wall thickness; have common dimensions as listed below.

Nominal Pipe Size (mm)	Outside Diameter at Bevel (mm)	Thickness Std Wt only	Long & Short Radius Elbows			Concentric Reducer Length	Equal Tees Centre to end		Long Radius Bends		Short Radius Bends		Caps Length (mm)
			Long Radius		Short		Run	Outlet					
			90 Deg	45 Deg	90 Deg								
			A	B	D		H	C	M	P	K	P	
15	21.3	2.77	38.1	15.7	-	-	25.4	25.4	76.2	47.8	-	-	25.4
20	26.7	2.78	28.4	11.2	-	38.1	28.4	28.4	57.2	42.9	-	-	25.4
25	33.5	3.38	38.1	22.4	25.4	50.8	38.1	38.1	76.2	55.6	50.8	41.1	38.1
32	42.2	3.56	47.8	25.4	31.8	50.8	47.8	47.8	95.2	69.8	63.5	52.3	38.1

Fittings - Butt weld - Seamless Carbon Steel

Product Dimensions.
Standard weight & extra strong fittings; with the exception of wall thickness;
have common dimensions as listed below.

Nominal Pipe Size (mm)	Outside Diameter at Bevel (mm)	Thickness Std Wt only	Long & Short Radius Elbows			Concentric Reducer Length	Equal Tees Centre to end		Long Radius Bends		Short Radius Bends		Caps Length (mm)
			Long Radius		Short		Run	Outlet					
			90 Deg	45 Deg	90 Deg								
			A	B	D		H	C	M	P	K	P	
40	48.3	3.68	57.2	28.4	38.1	63.5	57.2	57.2	114.3	82.6	76.2	62.0	38.1
50	60.5	3.91	76.2	35.1	50.8	76.2	63.5	63.5	152.4	106.4	101.6	81.0	38.1
65	73.2	5.16	95.2	44.4	63.5	88.9	76.2	76.2	190.5	131.8	127.0	100.1	38.1
80	88.9	5.49	114.3	50.8	76.2	88.9	85.9	85.9	228.6	158.8	152.4	120.7	50.8
100	114.3	6.02	152.4	63.5	101.6	101.6	104.6	104.6	304.8	209.6	203.2	158.8	63.5
125	141.2	6.55	190.5	79.2	127.0	127.0	124.0	124.0	381.0	261.9	254.0	196.9	76.2
150	168.1	7.11	228.6	95.2	152.4	139.7	142.7	142.7	457.2	312.7	304.8	236.5	88.9
200	218.9	8.11	304.8	127.0	203.2	152.4	177.8	177.8	609.6	414.3	406.4	312.7	101.6
250	273.0	9.27	381.0	158.8	254.0	177.8	215.9	215.9	762.0	517.7	508.0	390.7	127.0
300	323.8	9.53	457.2	190.5	304.8	203.2	254.0	254.0	914.4	619.3	609.6	466.9	152.4
350	355.6	9.53	533.4	222.2	355.6	330.2	279.4	279.4	1066.8	711.2	711.2	533.4	165.1
400	406.4	9.53	609.6	254.0	406.4	355.6	304.8	304.8	1219.2	812.8	812.8	609.6	177.8
450	457.2	9.53	685.8	285.8	457.2	381.0	342.9	342.9	1371.6	914.4	914.4	685.8	203.2
500	508.0	9.53	762.0	317.5	508.0	508.0	381.0	381.0	1524.0	1016.0	1016.0	762.0	228.6
600	609.6	9.53	914.4	381.0	609.6	508.0	431.8	431.8	1828.8	1219.2	1219.2	914.4	266.7

Specifications

Buttweld Fittings manufactured to the following specifications listed below. Tubular sections manufactured from a seamless product except the caps which are pressed from a Cr350 plate.

ANSI B16.9:

Covers dimensions, tolerances and the marking of steel butt weld pipe fittings, with the exception of short radius elbows and return bends.

ASTM A234-Grade WPB:

Factory wrought carbon - steel, ferritic alloy steel fittings - covers material and physical properties.

Schedule Terms

Standard weight = Schedule 40

Extra strong = Schedule 80

Notes on Piping Outside Dimensions

Buttweld fittings sizes may differ greatly from linepipe to a similar Commercial pipes size.

A 65NB linepipe measures 73.0mm O.D while a 65NB Commercial pipe measures 76.1mm O.D.

A 150NB linepipe measures 168.3mm O.D. while a 150NB Commercial pipe has a 165.1mm O.D.

Due to Space Limitations:

Only Equal Tees and Concentric Reducer dimensions are able to be shown.

Metal Piping Victaulic® Fittings & Applications

General Piping Applications - Mining, HVAC, Industrial & Fire Protection																		
Couplings and Fittings Systems																		
	Style 177 'Stab-On' Install-ready Flexible	Style 77 Flexible	Style 107H 'Stab-On' Install-ready Rigid	Style 07 Rigid	Style 109 'Stab-on' Firelock Rigid	Style 75 Flexible - moderate pressure	Style 741/743 Vic-flange Adaptor	Style 78 Snap Joint®	Style HP-70 High Pressure Rigid	Style 808 Maximum High Pressure Rigid	Style W77 AGS Large Diameter Flexible	Style W07 AGS Large Diameter Rigid	Style SC77 'Stab-On' Shouldered	Style 995 HDPE Coupling	Style 72 Outlet Coupling	Style 920 Mechanical-T Outlet	Aquamine PVC System	VicPress Small Diameter SS System
General Applications																		
Fire Protection Systems	✓	✓	✓	✓	✓	✓	✓								✓			✓
HVAC	✓	✓	✓	✓							✓	✓			✓			
Industrial	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
Mining	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Compressed Air	✓	✓	✓	✓			✓									✓		✓
Agricultural	✓	✓	✓	✓				✓	✓							✓		✓
Fuels / Hydrocarbons	✓	✓	✓	✓			✓								✓			✓
Water Treatment / Desalination	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
Mining Applications																		
Compressed Air	✓	✓	✓	✓			✓	✓					✓	✓	✓			✓
Water	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓			✓	✓	
De-Watering Systems	✓	✓	✓	✓				✓	✓	✓							✓	
Fuel/Lube Systems	✓	✓	✓	✓			✓								✓			✓
Acids	✓	✓	✓	✓			✓									✓		✓
Gas Extraction Systems							✓				✓	✓						

General Piping Applications - Mining, HVAC, Industrial & Fire Protection

Couplings and Fittings Systems

	Style 177 'Stab-On' Install-ready Flexible	Style 77 Flexible	Style 107H 'Stab-On' Install-ready Rigid	Style 07 Rigid	Style 109 'Stab-on' Firelock Rigid	Style 75 Flexible - moderate pressure	Style 74/1743 Vic-flange Adaptor	Style 78 Snap Joint®	Style HP-70 High Pressure Rigid	Style 808 Maximum High Pressure Rigid	Style W77 AGS Large Diameter Flexible	Style W07 AGS Large Diameter Rigid	Style SC77 'Stab-On' Shouldered	Style 995 HDPE Coupling	Style 72 Outlet Coupling	Style 920 Mechanical-T Outlet	Aquamine PVC System	VicPress Small Diameter SS System
Flotation (air, oils, collectors)	✓	✓	✓	✓			✓	✓	✓				✓			✓		
Slurries	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓			✓	
Sumpage/ Dewatering Lines	✓	✓	✓	✓			✓	✓	✓	✓								
Backfill/Paste Lines										✓								
Pump Stations	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓		✓	✓		
Pressure Reducing Stations							✓		✓									
Dust Suppression	✓	✓	✓	✓				✓	✓					✓		✓		
Fire Protection / Conveyors	✓	✓	✓	✓	✓	✓	✓									✓		✓
General Processing & Washing systems	✓	✓	✓	✓				✓			✓	✓		✓	✓		✓	✓
Lubrication systems																		✓

For over 85 years, Victaulic® has provided the benefit of the fastest and most flexible piping systems available for a variety of applications across a huge spectrum of industry sectors.

As the pioneer of the grooved-end system, Victaulic® products assist to:

Compress construction schedules.

Improve system productivity,

Reduce risk on site.

Victaulic® Pipe Joining Solutions

Original Groove System: 20mm - 600mm

Installation-ready Couplings: 50mm - 200mm

Installation-ready Shouldered System: 50mm - 200mm

Advanced Groove System (AGS): 350mm - 1525mm

AGS Vic-Ring Systems: 350mm - 1525mm










HDPE Plain End System: 50mm - 500mm

Aquamine PVC System: 50 - 300mm

VicPress™ SS Press system: 15 - 50mm




Details courtesy of Victaulic®

Victaulic® Couplings

Victaulic® Couplings																								
Size, Style and mass of fitting.																								
	20NB	25NB	32NB	40NB	50NB	73mm OD	65NB	80NB	90NB	100NB	125NB	141.3mm OD	150NB	168.3mm OD	200NB	250NB	300NB	350NB	400NB	450NB	500NB	600NB		
	Zero-Flex® Rigid Coupling Style 07																							
			0.7	0.7	0.7	1.0	1.2	1.6	1.4		2.4	3.4	3.4	3.8	3.8	6.8	10.7	12.5						
	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙						
	Standard Flexible Coupling Style 77																							
	0.5	0.5	0.9	1.0	1.2	1.4	1.5	1.7	2.5	3.0	4.5	4.8	6.0	5.4	9.4	14.1	12.6	16.1	23.2	29.2	41.4	42.6		
	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙
	Flexible Coupling Style 75																							
		0.6	0.6	0.6	0.8	0.9	0.9	1.3	1.3	1.9	2.9	2.6	3.3	3.2	5.6	9.4	10.7							
	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙							
	Vic-Boltless Coupling Style 791 and Style 792																							
					0.8	1.2		1.2		2.2				2.9	5.4									
					↙	↙		↙		↙				↙	↙									
	High Pressure Style 808																							
														16.3	31.8	38.6								
														↙	↙	↙								
	Vic-Flange Adaptor ANSI Class 150 Style 741																							
					1.4	2.1		2.4		3.4		3.9		4.5	4.5	7.5	11.0	21.2	28.1	36.8	37.3	64.4		
					↙	↙		↙		↙		↙		↙	↙	↙	↙	↙	↙	↙	↙	↙	↙	↙
	Vic-Flange Adaptor ANSI Class 300 Style 743																							
					2.2	3.4		4.1		6.9		8.0		10.6	15.6	21.9	32.0							
					↙	↙		↙		↙		↙		↙	↙	↙	↙							
	Snap-Joint Coupling Style 78																							
	0.4	0.5	0.8	0.9	1.2		1.3		2.5		4.4		4.9	6.9										
	↙	↙	↙	↙	↙		↙		↙		↙		↙	↙										
	Rigid Coupling Style HP-70																							
					1.5	1.8		2.0		3.4				7.3	11.8	14.9	20.9	29.0	32.7					
					↙	↙		↙		↙				↙	↙	↙	↙	↙	↙					

Victaulic® Couplings

Size, Style and mass of fitting.

	20NB	25NB	32NB	40NB	50NB	73mm OD	65NB	80NB	90NB	100NB	125NB	141.3mm OD	150NB	168.3mm OD	200NB	250NB	300NB	350NB	400NB	450NB	500NB	600NB
	Endseal Coupling for Plastic Coated Pipe Style HP-70ES																					
					1.5	1.8		2.1		3.7				7.4	11.8	16.9	19.1					
	✓				✓	✓		✓		✓				✓	✓	✓	✓					
	Reducing Coupling Style 750 - (some Imperial Size not shown)																					
	1.2	1.0	1.4	2.2	2.2		1.9		2.7		3.9		5.1		7.6		5.9			6.9		10.2
	50/25	50/40	65/50	80/50	80/65		100/50		100/65		100/80		125/100		150/100		150/125			165.1/100		200/150
	Outlet Coupling Style 72 (Showing Coupling Size/Outlet Size)																					
	0.6	0.6	0.6	1.6	1.1	1.1	2.0	2.1	2.1	2.3	2.3	1.5	3.2	3.2	3.2	3.1	3.1	5.2	5.2	8.2	8.2	8.2
	40/15	40/20	40/25	50/15	50/20	50/25	65/15	65/20	65/25	65/32	65/40	80/20	80/25	80/32	80/40	100/20	100/25	100/40	100/50	150/25	150/40	150/50

Advanced Groove System













For 350 - 1525mm piping systems Victaulic® offers Advanced Grooved System (AGS).

Please check for availability and mass per item.

Legend


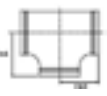






✓ Available

Victaulic® Roll Grooved Fittings

Victaulic® Roll Grooved Fittings																	
Size, Style and mass of fitting.																	
Fitting	Dimensions	NB & OD.	25NB	32NB	40NB	50NB	73.0 OD	76.1 OD	80NB	100NB	139.7 OD	141.3 OD	165.1 OD	168.3 OD	219.1 OD	273.0 OD	323.9 OD
Option.	C to E or E to E	O.D. in mm	33.7	42.4	48.3	60.3	As above		88.9	114.3	As above						
Short Radius 90° Elbow.																	
		C to E				70	76	76	86	102	124	124	140	140	175		
		Availability				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Mass				0.7	1.0	1.0	1.3	2.5	3.9	3.9	5.0	5.1	10.6		
90° Elbow.																	
		C to E	57	70	70	83	95	95	108	127	140	140	165	165	197	229	254
		Availability	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Mass	0.4	0.5	0.6	0.9	1.4	1.4	2.0	3.9	5.1	6.1	8.4	8.4	16.6	27.2	30.4
45° Elbow.																	
		C to E	45	45	45	51	57	57	64	76	83	83	89	89	108	121	133
		Availability	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Mass	0.3	0.4	0.5	0.8	1.0	1.0	1.6	2.4	3.5	3.9	5.4	5.4	10.4	14.1	18.1
End Cap.																	
		E to E	22	22	22	22	22	24	22	25	23	25	25	25	30	32	32
		Availability	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Mass	0.1	0.2	0.3	0.4	0.4	0.5	0.5	1.2	2.1	2.3	3.4	3.4	5.8	9.1	16.3
Short Radius Equal Tee.																	
		C to E				70	76	76	86	102	124	124	140	140	175		
		Availability				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Mass				1.0	1.4	1.4	1.9	3.5	5.4	5.4	6.8	6.9	14.2		

Victaulic® Roll Grooved Fittings

Size, Style and mass of fitting.

Fitting	Dimensions	NB & OD.	25NB	32NB	40NB	50NB	73.0 OD		76.1 OD	80NB	100NB	139.7 OD	141.3 OD	165.1 OD	166.3 OD	219.1 OD	273.0 OD	323.9 OD		
			Option.	C to E or E to E	O.D. in mm	33.7	42.4	48.3	60.3	As above		88.9	114.3	As above						
		Equal Tee																		
		C to E	57	70	70	83	95	95	108	127	140	140	165	165	197	229	254			
		Availability	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Mass	0.5	0.6	0.8	1.2	2.6	2.6	3.2	5.4	6.9	7.7	11.8	11.8	20.4	32.7	42.0			
		Grooved to Flange Adaptor																		
		E to E				95		95	100	102	105		105	105	112	138	138			
		Availability				✓		✓	✓	✓	✓		✓	✓	✓	✓	✓			
		Mass				2.3		3.3	4.0	4.5	6.0		7.2	7.2	10.2	18.0	22.4			
		Concentric Reducer																		
		Size to Size	40x25	50x25	50x32	50x40	65x40	65x50	80x50	80x65	100x50	100x65	125x100	150x50	150x80	150x100	150x125			
		E to E	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	76.2	76.2	89.0	102	102	102	102			
		Availability	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
		Mass	0.3	0.4	0.5	0.6	0.7	0.8	0.6	0.8	1.0	1.1	2.0	2.7	2.7	2.7	2.9			
		Not all items are shown due to space limitation																		
		Reducing Tee																		
		Size to Size	50x50x40	65x65x40	80x80x40	100x100x50	125x125x65	150x150x50	150x150x100											
		C to E	82.6	95.2	108	127	139.7	165.1	165.1											
		Availability	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
		Mass	1.2	1.9	2.4	4.6	6.6	12.0	13.0											
		Not all items are shown due to space limitation																		

Victaulic® Valve Options

Victaulic® Roll Grooved Fittings														
Valves Options	NB & OD.	40NB	50NB	73.0 OD	76.1 OD	80NB	100NB	139.7 OD	141.3 OD	165.1 OD	168.3 OD	219.1 OD	273.0 OD	323.9 OD
	O.D. in mm	48.3	60.3	As above		88.9	114.3	As above						
	Vic-300 MasterSeal® Butterfly Valve (a)													
	Availability		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Mass - kg		2.7	3.4	3.4	3.9	5.4	9.1	9.1	10.5	10.5	17.0	38.1	45.4
	Vic-300 MasterSeal® Butterfly Valve (b)						With Gear Operator							
	Availability		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Mass - kg		2.7	3.4	3.4	3.9	5.4	9.4	9.4	10.9	10.9	17.4	39	44.2
	Vic-235 Butterfly Valve Series 704 (c)						With Gear Operator							
	Availability		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Mass - kg		5.8	6.5	6.8	7	8.5	11.9	12.1	12.8	13.6	20.8	31.4	34.3
	Butterfly Valve Series 700 (d)													
	Availability	✓	✓	✓		✓	✓		✓	✓	✓			
	Mass - kg	1.3	1.5	2.9		3.1	5.5		11.8	13.8	14.7			
	Butterfly Valve Series 706 (e)									With Gear Operator- O.D. of Pipe.				
	Without Gear Operator		355.6	406.4	457.0	508.0	610.0		355.6	406.4	457.0	508.0	610.0	
			56.7	69.4	90.3	129.3	204.6		68.9	84.8	116.6	161.0	236.8	
	Triple Service Valves (f)						Butterfly/Check Valve							
	Availability			✓		✓	✓		✓		✓	✓	✓	
	Mass - kg			5.3		6.6	18.2		25.0		32.7	56.7	84.8	117.9
	Vic Check Valve Series 716 (g)													
	Availability			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Mass - kg			1.6	1.6	2.0	7.3	12.3	9.1	12.7	12.7	18.1	45.4	63.5
	Venturi Check Valve Series 779 (h)													
	Availability						✓	✓	✓	✓	✓	✓	✓	
	Mass - kg						7.3	9.1	9.1	12.7	12.7	18.1	45.4	63.5

Victaulic® Roll Grooved Fittings														
Valves Options	NB & OD.	40NB	50NB	73.0 OD	76.1 OD	80NB	100NB	139.7 OD	141.3 OD	165.1 OD	168.3 OD	219.1 OD	273.0 OD	323.9 OD
	O.D. in mm	48.3	60.3	As above		88.9	114.3	As above						
	Swinger® Swing Check Valve Series 712(i)													
	Availability		✓	✓		✓	✓							
	Mass - kg		5.3	8.2		10.2	17.2							
	Vic-Ball Valve Series 726 (j)													
	Availability	✓	✓	✓	✓	✓	✓			✓	✓			
	Mass - kg	2.0	3.0	4.7	4.7	6.8	18.9			35.7	35.7			
	Vic-Ball Valve Series 726 (k)						With Gear Operator							
	Availability	✓	✓	✓	✓	✓	✓			✓	✓			
	Mass - kg	3.2	4.1	5.9	5.9	9.1	20.3			40.3	40.3			
Other valve options may be available. Please check.														

Victaulic® Valve Application Guide						
Valve Type	Building Services	Industrial	Water & Wastewater	Mining	Oil Field	Plumbing
Butterfly Valves	✓	✓	✓	✓	✓	✓
Check Valves	✓	✓	✓	✓	✓	
Ball Valves	✓	✓	✓	✓	✓	
Triple Service Valves	✓	✓				

Special Steel



Special Steels - Engineering Steels

High Tensile Steels		
Grades	Description	Strength & Uses
4140	High strength and good toughness. Can be flame/ind. hardened or nitrided. Good machinability.	U.T.S 850 - 1000 Mpa. Medium to highly stressed parts.
4340	High strength and good toughness. Can be flame/ind. hardened or nitrided. Good machinability.	U.T.S 930 - 1080 Mpa. Highly stressed parts.
EN26	High strength plus and good toughness. Fatigue resistant. Can be flame hardened or nitrided. Good machinability.	U.T.S 1000 - 1150 Mpa. Severely stressed parts.

Bright Steels		
Grades	Description	Strength & Uses
M1020	Low strength and high ductility. Good machinability. Can be carburised.	U.T.S. 410 - 790 Mpa. Lightly stressed parts.
M1030	Low / medium strength and good ductility. Good machinability and weldability. Low hardenability.	U.T.S. 500 - 850 Mpa. Light/medium stressed parts.
M1045	Medium strength and good ductility. Good machinability. Care needed when welding. Can be flame/ind. hardened.	U.T.S. 600 - 950 Mpa Medium stressed parts.
S1214	Low strength and moderate ductility. Excellent machinability. Care needed when welding. Can be carburised.	U.T.S. 370 - 760 Mpa Very lightly stressed parts.

Carbon Steels		
Grades	Description	Strength & Uses
K1022	Low strength and high ductility. Reasonable machinability. Can be carburised	U.T.S. 360 560 Mpa. Lightly stressed parts.
K1045	Medium strength and good ductility. Good machinability. Care needed when welding.	U.T.S. 570 - 700 Mpa Medium stressed parts.

Stainless Steels		
Austenitic Grades	Description	Uses
303	Free machining grade with excellent machinability. Corrosion resistant. Welding not recommended.	Where extensive machining is involved.
304	General purpose grade with improved machinability. Corrosion higher than 303, lower than 316. Readily welded.	Domestic uses. Dairy applications.
316/316L	Marine grade with improved machinability. Corrosion resistance higher than 321 or 303. Excellent weldability.	Marine applications. Chemical industries.

Stainless Steels		
Martensitic Grades	Description	Strength & Uses
410	Corrosion resistance similar to 420, lower than 431. Extreme care needed when welding.	U.T.S 700 - 850 Mpa. Medium tensile parts.
416	Free machining grade with low corrosion resistance. Excellent machinability. Welding not recommended.	U.T.S. 550 - 700 Mpa. Where extensive machining involved.
420	Medium carbon grade. Corrosion resistance similar to 410. Good machinability. Welding not recommended.	U.T.S. 700 - 930 Mpa. Pump and valve parts.
431	Low nickel grade. Corrosion resistance similar to 302. Good machinability. Welding not recommended.	U.T.S. 850 - 1000 Mpa. High tensile parts.
Precipitation Hardened Grade	Description	Strength & Uses
630PH	Martensitic age hardening grade. Corrosion resistance similar to 304. Reasonable machinability. Good weldability.	U.T.S. 930 - 1100 Mpa. High strength and corrosion resistance requirements.
Duplex Grade	Description	Strength & Uses
2205	Ferritic/Austenitic grade with high yield strength. Corrosion resistance good. Reasonable machinability. Good weldability.	U.T.S. 570 Mpa. High strength uses. High corrosion resistance uses.

Spring Steel Bars		
Grades	Description	Uses: Mainly agricultural usage
XK9261S	Rounds in a range 13mm - 36mm	Coil Spring and agricultural tynes.
XK9258S	RE Flats in a range 45x6 - 130x20.	Leaf Springs or chopping blades
XK9258S	Square Edge flats 32x5 - 130x10.	Chopping blades and wear strips.

“Euro Norm” - Hollow Bars 20MnV6

Euro Norm (EN 10294-1:2005)		
OD mm	ID mm	kg/m
30	20	4.3
	15	5.3
35	25	5.1
	20	6.4
40	30	5.9
	25	7.5
	20	8.8
45	35	6.7
	30	8.7
	25	9.8
50	40	7.6
	35	9.9
	30	11.8
55	45	9.0
	40	11.6
	35	13.9
	30	15.9
60	50	9.3
	45	12.2
	40	14.9
	35	17.2
65	55	10.3
	50	13.7
	45	16.7
	40	19.3
	35	21.4
70	60	11.0
	55	14.6
	50	17.9
	45	20.9
	40	23.5
75	65	11.8
	60	15.8
	55	19.4
	50	22.8
	45	25.7
	40	27.4

Euro Norm (EN 10294-1:2005)		
OD mm	ID mm	kg/m
80	65	16.8
	60	20.8
	55	24.0
	50	27.3
	45	30.1
	40	32.6
85	70	18.1
	65	22.4
	60	25.8
	55	29.4
	50	32.5
	45	35.3
90	75	19.0
	70	23.6
	65	27.5
	60	31.5
	55	35.0
	50	38.6
	45	40.9
95	40	43.4
	80	20.7
	75	25.3
	70	29.3
	65	33.6
	60	37.2
	55	40.8
100	50	44.0
	45	46.8
	85	21.8
	80	27.1
	75	31.5
	70	36.0
	65	40.2
	60	44.0
55	47.5	
50	50.7	
45	53.2	

Euro Norm (EN 10294-1:2005)		
OD mm	ID mm	kg/m
105	90	23.7
	85	28.2
	80	33.3
	75	38.2
	70	42.7
	65	46.8
	60	50.7
	55	54.1
115	50	58.1
	100	26.2
	95	31.2
	90	37.0
	85	42.5
	80	47.6
	75	52.5
	70	56.9
120	65	61.0
	60	64.9
	55	68.3
	105	27.5
	100	32.7
	95	38.9
	90	44.7
	85	50.1
125	80	55.3
	75	60.1
	70	64.5
	65	68.7
	60	72.4
	110	29.3
	105	34.7
	100	41.1
95	47.3	
90	53.0	
85	58.5	
80	63.7	

Euro Norm (EN 10294-1:2005)		
OD mm	ID mm	kg/m
125	75	68.4
	70	72.8
	65	76.9
	60	80.6
	55	84.1
130	115	31.0
	110	36.7
	105	43.5
	100	49.9
	95	56.0
	90	61.7
	85	67.2
	80	72.3
	75	77.0
	70	81.4
	65	85.5
140	60	89.2
	55	93.8
	125	33.6
	120	39.9
	115	47.3
	110	54.4
	105	61.2
	100	67.5
	95	73.6
	90	79.3
	85	84.8
150	80	89.6
	75	94.4
	70	98.7
	65	104.3
	135	37.0
	130	43.5
	125	51.7
	120	59.3
	115	66.6
	110	76.7
	105	80.4

Euro Norm (EN 10294-1:2005)		
OD mm	ID mm	kg/m
150	100	86.8
	95	92.9
	90	98.5
	85	103.8
	80	108.9
	75	113.5
	70	117.7
	65	121.8
	140	38.0
	135	45.2
	155	130
125		61.6
120		69.3
115		76.6
110		83.7
105		90.3
100		96.6
95		102.7
90		108.3
85		113.6
160		80
	75	123.1
	70	129.3
	65	133.2
	145	39.3
	140	46.8
	135	55.2
	130	63.7
	125	71.6
	120	79.3
	160	115
110		93.6
105		100.5
100		106.7
95		112.7
90		118.4
85		123.6
80	128.5	

Euro Norm (EN 10294-1:2005)		
OD mm	ID mm	kg/m
160	75	133.2
	70	137.4
170	155	42.5
	150	51.4
	145	60.8
	140	68.5
	135	77.2
	130	85.5
	125	93.5
	120	101.2
	115	108.4
	110	115.6
	105	122.1
175	100	128.4
	95	134.5
	90	140.0
	85	145.2
	80	150.2
	160	45.2
	155	54.3
	150	64.6
	145	72.3
	140	81.5
	135	90.1
175	130	98.3
	125	106.4
	120	113.9
	115	121.1
	110	128.2
	105	134.7
	100	140.9
180	95	146.9
	90	152.4
	85	157.6
	165	45.1
	160	54.6
	155	64.5
	150	72.9

Continued on next page...

Euro Norm (EN 10294-1:2005)		
OD mm	ID mm	kg/m
180	145	82.1
	140	91.1
	135	99.8
	130	108.0
	125	116.0
	120	123.7
	115	131.0
	110	138.0
	105	144.5
	100	150.9
	95	156.7
	90	162.2
	85	165.4
185	170	46.6
	165	56.5
	160	67.0
	155	75.5
	150	85.2
	145	94.6
	140	103.4
	135	112.1
	130	120.4
	125	128.2
	120	135.9
	115	143.2
	110	150.0
	105	156.6
	100	162.8
95	168.6	
190	175	48.3
	170	57.9
	165	68.9
	160	77.8
	155	87.4
	150	97.1
	145	106.6
	140	115.5
135	123.9	

Euro Norm (EN 10294-1:2005)			
OD mm	ID mm	kg/m	
190	130	132.1	
	125	140.2	
	120	147.7	
	115	155.1	
	110	161.9	
	105	168.6	
	100	174.8	
	200	185	52.1
		180	64.0
		175	75.0
170		84.2	
165		95.0	
160		105.2	
155		115.2	
150		124.8	
145		133.9	
140		142.7	
135		151.5	
130		159.6	
125		167.5	
120		175.1	
115		182.1	
110	189.0		
105	195.4		
100	202.5		
210	190	74.1	
	185	85.3	
	180	97.4	
	175	109.2	
	170	120.2	
	165	131.2	
	160	141.8	
	155	152.1	
	150	161.6	
	145	171.1	
140	180.2		
135	188.9		
130	197.2		
125	204.8		

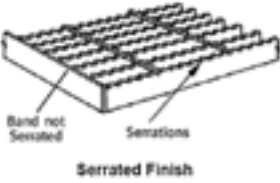
Euro Norm (EN 10294-1:2005)		
OD mm	ID mm	kg/m
220	180	122.7
	170	145.4
	160	166.9
	155	177.0
	150	186.5
	145	195.9
	140	204.9
	135	213.5
	130	221.8

This range is not complete and some sizes may not be stocked due to mill minimum requirements. It should be noted that some imperial sizes may be available but not listed.

Suppliers limit the metric & imperial range, making availability restricted. Sizes up to 250mm OD not shown.

Flooring & Hand Railing

Welded Floor Grating

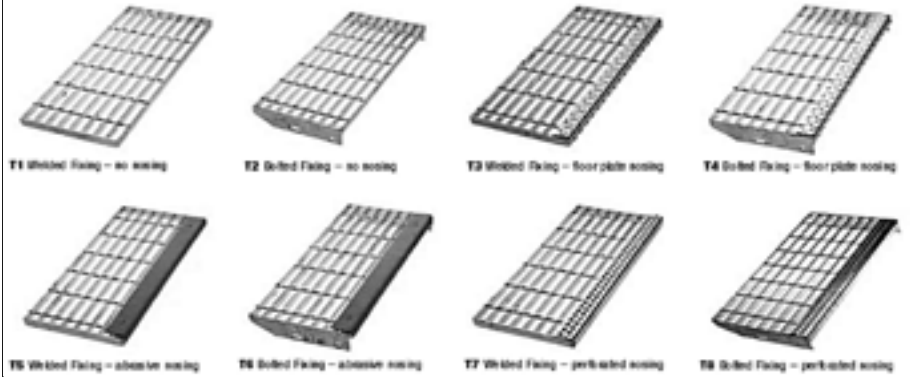
Welded Floor Grating					
How to read Welded Grating Product Coding					
A	S	30	32	5	Finish
Cross Bar Pitching	Serrated Load Bars	Load Bar Pitching	Load Bar Depth	Load Bar Thickness	Black or Galvanized
Cross Bar Pitch	A = 100mm Centres B = 50mm Centres				
Load Bar Finish	Load bars may be supplied in a plain finish or in a serrated form				
Load Bar Pitch	Series 30 - 30mm Centres, Series 40 - 40mm Centres, Series 60 - 60mm Centres				
Load Bar Size	From 20 x 3mm to 65 x 5 mm. Cross Bars from 6mm twisted squares				
Sheet (Mat) Sizes - Approximately 6.000m in Length, widths may vary but approximately 1.055m wide					

Floor Grating Step Treads

Floor Grating Step Treads			
Step Tread Legend			
T1 - Welded Fixing - no nosing		T5 - Welded Fixing - abrasive nosing	
T2 - Bolted Fixing - no nosing		T6 - Bolted Fixing - abrasive nosing	
T3 - Welded Fixing - Floor plate nosing		T7 - Welded Fixing - perforated nosing	
T4 - Bolted Fixing - Floor plate nosing		T8 - Bolted Fixing - perforated nosing.	
Recommended Maximum Lengths			
Load Bar Size	25 x 5	32 x 5	40 x 5
Series 30	900	1300	1600
Series 40	750	1200	1500
Series 50	500	800	1300

Floor Grating Step Treads

Photos are for illustration purposes



Fibreglass Floor Grating (FRP)

Fibreglass Floor Gratings

Fibreglass Gating details

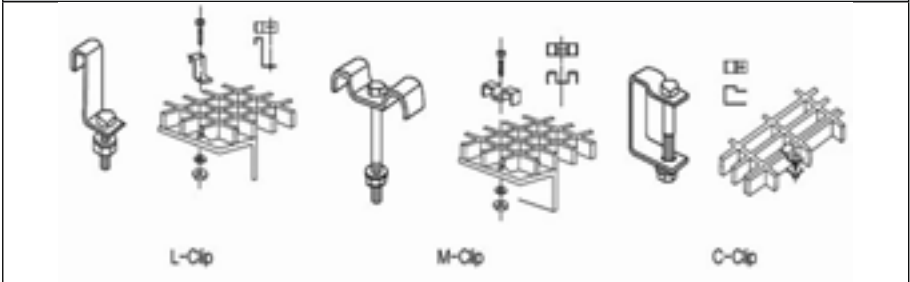
Two depths available (25mm & 38mm)

Two resin systems:

Type "I" uses isophthalic polyester resin and provides excellent corrosion resistance properties against a range of chemicals.

Type "V" uses a vinyl ester resin base with superior corrosion resistance to acidic environments and moderate resistance to caustic and solvent applications.

Photos are for illustration purposes



Type "I" is Green - Type "V" is Yellow. Fibreglass Grating Stairs also available.

Please check all sizes at placement of your order as some supplier measurements may vary.

Continued on next page...

Floormesh - Expanded Metal

Expanded Metal - Gridmesh					
BlueScope Steel Code	Lockers Similar Code	Graham Group Code	Sheet Size mm(LWM) x mm(SWM)	Aperture LWM x SWM	Mass Ea/kg
GR50080	WK4514	FM 14060	600 x 3000	135mm X 45mm	25.20
GR50080	WK4514	FM 14075	750 x 3000	135mm X 45mm	31.50
GR50080	WK4514	FM 14090	900 x 3000	135mm X 45mm	37.80
GR50080	WK4514	FM 14120	1200 x 3000	135mm X 45mm	50.40
GR50110	WK4519	FM 19060	600 x 3000	135mm X 45mm	34.20
GR50110	WK4519	FM 19075	750 x 3000	135mm X 45mm	42.75
GR50110	WK4519	FM 19090	900 x 3000	135mm X 45mm	51.30
GR50110	WK4519	FM 19120	1200 x 3000	135mm X 45mm	68.40
GM50075	WK3022	FM 22060	600 x 3000	75mm x 30mm	39.60
GM50075	WK3022	FM 22075	750 x 3000	75mm x 30mm	49.50
GM50075	WK3022	FM 22090	900 x 3000	75mm x 30mm	59.40
GM50075	WK3022	FM 22120	1200 x 3000	75mm x 30mm	79.20
GM50105	WK3028	FM 28060	600 x 3000	75mm x 30mm	50.40
GM50105	WK3028	FM 28075	750 x 3000	75mm x 30mm	63.00
GM50105	WK3028	FM 28090	900 x 3000	75mm x 30mm	75.60
GM50105	WK3028	FM 28120	1200 x 3000	75mm x 30mm	100.80

Supplied in two finishes, untreated (black) and galvanized to AS/NZS 4680.1999

GRIPSPAN™ Grating

GRIPSPAN™ Grating BS4592:1970					
Section Profile	6512	6520	10012	10020	Advantages of Gripspan™ Grating
225mm Wide Tread					<p>Light weight to handle</p> <p>Fast and economical install</p> <p>Ideal for roof access walkways utilizing 2 x 300mm wide planks and fixing accessories</p> <p>Roll formed in one piece – no welds to break loose</p> <p>Design ensures large load capacity over long supported spans</p> <p>Profiles prevent small objects from falling through</p> <p>Available in standard 6000m lengths or custom lengths from 1000m - 13000mm</p> <p>Easily fabricated into stair treads</p>
300mm Wide Tread					
Plain Diamond Tread					
Serrated Diamond Tread					
Slotted Tread					
Slotted Dimple Tread					
65mm leg					
100mm leg					
1.2mm Material					
2.0mm Material					
Galvabond					
Mild Steel					
Hot Dipped Galvanized					

* Please call for supplier assistance.

Alu-Tread™ (Aluminium roof walkway)

Alu-Tread™ (AS 1657:1992) Aluminium Panels and Stair Treads				
Description	Series 13 - 13mm	Series 22 - 22mm	Series 30 - 30mm	Series 40 - 40mm
Alu-Tread extruded aluminium is a light weight flooring system which has a wide range of applications.	Width 600mm Length 6000mm Weight 28kg/panel	Width 600mm Length 6000mm Weight 35kg/panel	Width 500mm Length 6000mm Weight 38kg/panel	Width 500mm Length 6000mm Weight 44kg/panel

Balltube Handrailing

Balltube Handrail System - AS 1657-1992					
Stanchion Codes by Supplier			Stanchion Description	Std Duty Post 3.2mm W/T	Hvy Duty Post 4.0mm W/T
Locker	Webforge	Weldlok			
P	P	BP	Horizontal Base Plate Stanchion - Straight Railing	4.8	5.3
PA	PA	BPA	Horizontal Base Plate Stanchion - Angled Railing	4.8	5.3

Continued on next page...

Balltube Handrail System - AS 1657-1992

Stanchion Codes by Supplier			Stanchion Description	Std Duty Post 3.2mm W/T	Hvy Duty Post 4.0mm W/T
Locker	Webforge	Weldlok			
AM	AM	BPAM	Angle Mounted Base Plate - Angled Railing	4.5	5.0
C	C	C	Collar/Cored Stanchion - Straight Railing	4.9	5.4
CA	CA	CA	Collar/Cored Stanchion - Angled Railing	4.9	5.4
W	W	W	Welded Stanchion - Straight Railing	3.9	4.4
WA	WA	WA	Welded Stanchion - Angled Railing	3.9	4.4
AMW	AMW	WAA	Angle Mounted Welded Base - Angled Railing	3.9	4.4
S	S	SM	Side Mounted Stanchion - Straight Railing	5.0	5.6
SAR/L	SAR/L	SMAR/L	Side Mounted Stanchion - Angled Railing	5.3	5.9
SO	SO	SMO	Offset Side Mounted Stanchion - Straight Railing	5.3	5.9
SOAR/L	SOAR/L	SMOAR/L	Offset Side Mounted Stanchion - Angled Railing	4.9	5.4
SC	SC	SMC	Side Mounted Conveyor Stanchion - Straight Railing	4.9	5.4
P	PC	PC	Platform Corner Welded Base Plate - Straight Railing	3.9	4.4
ORS	L	SBBP	Single Ball Base Plate Stanchion - Straight Railing	1.7	2.0
ORH	K	SBSM	Single Ball Side Mounted Stanchion - Straight Railing	2.0	2.3
ORS/ DOSO	M	SBH	Single Ball Offset Stanchion - Straight Railing	1.3	n/a

Standard Duty Stanchions are made from 40 NB (48.3mm OD) tubing with a 3.2mm wall thickness.

Heavy Duty Stanchions are made from 40 NB (48.3mm OD) tubing with a 4.0mm wall thickness.

The standard drilling for rails are:- Top Rail 32 NB Med (42.4mm OD) and a mid rail of 25 NB Med (33.7mm OD).

Kick Plates are standard 100 x 6mm and in 6.000m lengths.

Standard Base Plates are made from 75 x 10 x 146mm plate with 18mm diameter holes on 102mm centres.

Standard finish is Hot Dipped Galvanized to AS/NZS 4680:2006.

The maximum recommended spacing for stanchions is 2.000m.

Handrail End Closure Bends

Handrail End Closure Bends					
Locker	Webforge	Weldlok	Description	kg/25 NB	kg/32 NB
SB	RB	SB	Standard 90° Bend	1.4	1.8
SBA	RBA	SBA	Standard Angled Bends	1.4	1.8
CB	HCB	CB	Horizontal Closure Bends	2.2	2.8
CBA	ACB	CBA	Top or Bottom Closure Bends - Angled	2.2	2.8

Self Closing Safety Gates

Handrail self Closing Safety Gates		
Safety Gate	Description	kg/ea
Self Closing Gates - With	Safety Gate - With Kick plate (Max 1500mm to centre of post supports)	15
Self Closing Gates - Without	Safety Gate - Without Kick plate (Max 1500mm to centre of post supports)	12

When ordering a self closing gate, it is essential to nominate the direction of the swing. Please check all sizes at placement of order.

Perforated Sheets & Woven Wires

Perforated Sheeting - Round Hole Details Only

Key	
Available in Standard Sheet size.	
Available in Standard & Listed Sheet size.	63
Available in 1830 x 915mm size only.	63
Available in 2440 x 915mm size only.	83
Available 915mm coil.	C3
Available 1220mm coil.	C4
Aluminium stock available in metric 1800 x 900mm.	
Sheet size may be 6'x4', 8'x3', 8'x5', 10'x3', 10'x4', 10'x5'	

ROUND HOLES - Mild Steel (MS)												
Pattern No.	Dia. mm	Pitch mm	Open Area%	Sheet thickness in mm								
				1.0	1.2	1.6	2.0	2.5	3.0	5.0	6.0	
R01623	1.60	3.20	23%									
R01636	1.60	2.54	36%									
R01637	1.60	2.50	37%									
R02040	2.00	3.00	40%									
R02440	2.41	3.66	40%									
R03230	3.25	5.59	30%									
R03240	3.25	4.78	40%									
R03325	3.25	6.10	25%									
R03341	3.25	4.78	41%									
R03346	3.25	4.52	46%									
R04046	3.97	5.59	46%									
R04833	4.76	7.92	33%									
R04851	4.76	6.35	51%						63			
R06440	6.35	9.53	40%									
R06446	6.35	8.89	46%									
R06451	6.35	8.50	51%									
R07962	7.94	9.55	62%									
R08047	8.00	11.11	47%									
R09523	9.53	19.05	23%									
R09540	9.50	14.30	40%									
R09551	9.50	12.70	51%									

Continued on next page...

ROUND HOLES - Mild Steel (MS)											
Pattern No.	Dia. mm	Pitch mm	Open Area%	Sheet thickness in mm							
				1.0	1.2	1.6	2.0	2.5	3.0	5.0	6.0
R12740	12.70	19.05	40%								
R12748	12.70	17.46	48%								
R12749	12.70	17.27	49%								
R19151	19.05	25.4	51%								
R25448	25.4	35.0	48%								

ROUND HOLES-GALVABOND® (GB) sheet thickness in mm											
Pattern No.	Dia. mm	Pitch mm	Open Area%	Sheet thickness in mm							
				0.6	0.8	1.0	1.2	1.6	2.0	2.5	3.0
R01636	1.60	2.54	36%								
R01637	1.60	2.50	37%								
R02040	2.00	3.00	40%								
R02411	2.38	9.52	11%								
R02440	2.38	3.57	40%								
R03230	3.25	5.59	30%								
R03240	3.25	4.78	40%								
R04851	4.76	6.35	51%								
R06440	6.35	9.53	40%								
R06451	6.35	8.50	51%								
R07962	7.94	9.55	62%								
R08047	8.00	11.11	47%								
R09540	9.50	14.30	40%								
R09551	9.50	12.70	51%								
R12749	12.70	17.27	49%								

ROUND HOLES-Stainless T316 (S6)												
Pattern No.	Dia. mm	Pitch mm	Open Area%	Sheet thickness in mm								
				0.30	0.45	0.50	0.55	0.70	0.80	0.90	1.00	1.20
R02440	2.38	3.57	40%									
R03230	3.25	5.59	30%									
R03240	3.25	4.78	40%									
R03342	3.25	4.76	42%									
R04851	4.76	6.35	51%									

ROUND HOLES-Stainless T304 (S4)													
Pattern No.	Dia. mm	Pitch mm	Open Area%	Sheet thickness in mm									
				0.30	0.45	0.50	0.55	0.70	0.80	0.90	1.00	1.20	1.50
R00520	0.50	1.07	20%										
R01025	1.02	1.93	25%		C3								
R01636	1.60	2.54	36%										
R01637	1.60	2.54	36%					63					
R02141	2.06	3.10	41%										
R02411	2.38	9.52	11%										
R02440	2.38	3.57	40%										
R03230	3.25	5.59	30%										63
R03240	3.25	4.78	40%										
R03346	3.25	4.52	46%							63			
R04851	4.76	6.35	51%							63			63
R06440	6.35	9.55	40%										63
R06451	6.35	8.50	51%							63			63
R09540	9.50	14.30	40%										63
R12749	12.70	17.27	49%										63

ROUND HOLES-Aluminium (A5)#													
Pattern No.	Dia. mm	Pitch mm	Open Area%	Sheet thickness in mm									
				0.6	0.8	1.0	1.2	1.6	2.0	3.5	3.0		
R00831	0.81	1.40	31%	63									
R02411	2.38	9.52	11%	83									
R02440	2.38	3.57	40%				63						
R03210	3.25	9.65	10%										
R03230	3.25	5.59	30%			63							
R03240	3.25	4.78	40%										
R04851	4.76	6.35	51%										
R09540	9.50	14.30	40%										
R09551	9.50	12.70	51%										

Aluminium stock is available in metric size sheets only.

ROUND HOLES-ZINCANNEAL® (ZA)

Pattern No.	Dia. mm	Pitch mm	Open Area%	Sheet thickness in mm								
				0.3	0.45	0.50	0.55	0.70	0.80	1.00	1.20	1.50
R02411	2.38	9.52	11%				C4					
R03230	3.25	5.59	30%									
R04851	4.78	6.35	51%									

Details courtesy of The Locker Group.

ROUND HOLES-Zincseal (ZS)

Pattern No.	Dia. mm	Pitch mm	Open Area%	Sheet thickness in mm								
				0.3	0.45	0.50	0.55	0.70	0.80	1.00	1.20	1.50
R01637	1.60	2.50	37%						C4			
R02036	1.95	3.10	36%									
R02141	2.06	3.10	41%									
R02411	2.38	9.52	11%									



Reinforcing Products & Mesh

Fine Woven Meshes

Fine Woven Wire Mesh - Animal Floor Mesh

These products may be available from the supplier, only.
They may not be a stock item at most steel outlets.

Woven Wire Mesh sheets can be used in many architectural applications, balustrades, sun-shades, feature panels etc. Flooring panels may be fixed to supports with a spring clip (ex supplier) or alternatively welded directly to the supports.

Plain Weave

Mesh Specification.						Material Finish.			
Aperture mm	Mesh*	Gauge	Wire Diameter mm	Approx % Open Area	Approx Mass kg/m ²	Steel Sheets		Stainless Steel	
						Galv.	Steel.	T304	T316
25	1 1/8	10	3.15	79	4.5				A
22.4	1	10	3.15	77	4.9	A			A
19	7/8	12	2.5	78	3.7				A
18	3/4	14	2.0	81	2.5	A			
16	3/4	10	3.15	70	6.6	A	A		
12.5	5/8	10	3.15	64	8.0	A			
11.2	2	16	1.6	76	2.5	A		A	
10.0	2	12	2.5	64	6.4	A			A
10.0	2	14	2.0	70	4.2	A		A	
7.1	3	16	1.6	67	3.7	A		A	
7.1	3	18	1.2	73	2.4			A	
6.3	3	14	2.0	58	6.1	A		A	
5.0	4	16	1.6	57	4.9	A		A	A
5.0	4	16	1.25	64	3.2	A		A	A
4.0	5	18	1.2	58	3.8	A		A	
3.55	5	16	1.6	46	6.3			A	
3.15	6	20	0.9	60	2.5	A		A	
2.5	8	22	0.71	60	2.0			A	
2.24	8	20	0.9	51	3.3	A		A	
2.0	10	24	0.56	60	1.6			A	
2.0	10	26	0.45	67	1.1			A	
1.8	12	24	0.56	55	1.9	A		A	
1.6	12	24	0.56	55	1.9	A		A	
1.6	12	26	0.45	61	1.6	A		A	
1.25	14	24	0.56	47	2.2			A	

Plain Weave									
Mesh Specification.						Material Finish.			
Aperture mm	Mesh*	Gauge	Wire Diameter mm	Approx % Open Area	Approx Mass kg/m ²	Steel Sheets		Stainless Steel	
						Galv.	Steel.	T304	T316
1.25	16	28	0.36	61	1.0	A		A	
1.12	16	26	0.45	51	1.6			A	
1.0	16	24	0.56	41	2.6			A	
0.90	20	28	0.36	51	1.3	A.		A	
0.71	20	24	0.56	31	3.1				A
0.71	24	30	0.32	48	1.2			A	
0.63	24	26	0.63	35	2.4			A	
0.56	30	32	0.28	44	1.2			A	
0.50	30	30	0.32	38	1.5			A	
0.40	40	34	0.22	41	1.0			A	
0.25	60	37	0.16	37	0.8			A	A
0.18	80	39	0.13	38	0.7			A	A

The weights per metre square are indicative only.

* The number of square openings per linear inch.(25.4 mm)

Details courtesy of the Locker Group.

Other mesh uses are for animal flooring, Cattle & Sheep flooring, Weaner flooring and Farrowing flooring.

Safety Note: All cut and sharp edged meshes will need to be protected or flush ground.

Large Expanded Meshes

Large Expanded Meshes. Nominal sheet size is 1200 x 2400							
Mesh Reference	Nominal Size of Mesh		Strand Size		Mass kg/m ²	% Open area	
	LWM	SWM	Width	Thick		Raised Norm-Max	Flat
07-10	19	7	1.7	1.0	3.7	60-73	
07-10F	19	7	1.7	1.0	3.7		54
09-10	28	9	1.5	1.0	2.7	75-89	
09-10F	28	9	1.5	1.0	2.7		67
09-16L	28	9	1.6	1.6	4.4	48-56	
09-16LF	28	9	1.6	1.6	4.4		67

Continued on next page...

Large Expanded Meshes. Nominal sheet size is 1200 x 2400

09-16	28	9	2.2	1.6	6.2	48-56	
09-16F	28	9	2.2	1.6	6.2		67
12-16	30	12	2.2	1.6	4.4	67-75	
12-16F	30	12	2.2	1.6	4.4		62
12-20	30	12	2.2	2.0	5.5	64-71	
12-20F	30	12	2.2	2.0	5.5		65
15-16	38	15	2.0	1.6	3.3	68-78	
15-16F	38	15	2.0	1.6	3.3		65
15-20	38	15	2.7	2.0	5.1	68-74	
15-20F	38	15	2.7	2.0	5.1		60
19-30/F	50	19	3.9	3.0	8.3	67-74	66
38-30/F	76	38	3.5	3.0	5.0	76-81	61
38-30CY	76	38	4.5	3.0	6.7	75-79	
50-30	102	50	5.6	3.0	5.7	76-83	

- All meshes 12** on may be supplied galvanized.
- Non standard sheet sizes available. Conditions apply.
- All of the above may be supplied flattened.
- The flattening process will increase the O/A size of expanded sheets.
- Flattened Profiles will be thinner than the original material thickness.

Metal Edge Trims

Metal Edge Trims for Expanded Meshes

Reference	Length mm	Width mm	Gap	Thickness mm	Mass
Met 4	2440	19	4	1.2	1.2
Met 6	2400	25	6	1.6	2.3
Met 8	2440	25	8	1.6	2.6
Met 10	2440	25	10	1.6	3.0

- All Edge Trim Sections are supplied in a Galvabond finish.
- Refer to the supplier manual for Expanded Mesh Edge Trim Selection Guide.

Sun Screen - Steel

Sun Screen - Steel								
Part Number	Sheet Size		Size of Mesh		Strand Size		Mass kg/m ²	% Open Area
	LW	SW	LWM	SWM	Width	Thick		
LV10G	1200	2400	62	14.3	4.8	0.95	5.2	37-88
'LV10G*	2400	1200	62	14.3	4.8	0.95	5.2	37-88
LV16G	1200	2400	62	14.3	6.3	1.6	11.8	18-60
LV16G*	2400	1200	62	14	6.3	1.6	11.08	18-60
L7616G	1200	2400	76	16	6.3	1.6	10	21-66
L7616G*	2400	1200	76	16	6.3	1.6	10	21-66

*Denotes the alternative sheet size dimension.

LV16 & L7616 are also available in an Aluminium sheet. Please check.

Heavy Duty Screen Cloths

Heavy Duty Screen Cloths - made using high tensile steel																				
2.00mm		2.50mm		3.15mm		4.00mm		5.00mm		6.30mm		8.00mm		10.00mm		11.20mm		12.50mm		
Actual Ap	% Open Area	Actual Ap	% Open Area	Actual Ap	% Open Area	Actual Ap	% Open Area	Actual Ap	% Open Area	Actual Ap	% Open Area	Actual Ap	% Open Area	Actual Ap	% Open Area	Actual Ap	% Open Area	Actual Ap	% Open Area	
3.15	38	4.0	40	5.0	41	8.0	45	11.2	48	16.8	51.5	20.0	51	32.5	50	45.0	64	75.0	25	
		5.0	47	5.6	42.25	8.9	47.75	12.5	50.5	18.0	54.3	22.4	52.75	35.0	61	56.0	69.75	100.0	79	
		6.3	52	6.3	46	10.0	51.75	13.2	51.75	19.0	56.5	25.0	57.5	40.0	64.5	60.0	72.75			
				7.1	49	11.2	55.5	14.0	53.75	20.6	58.25	31.5	63	45.0	66.25	63.0	72.75			
				8.0	52	15.0	63	15.0	58	22.6	62	38.0	68	50.0	69	75.0	76			
						16.0	64	16.0	60.5	25.0	64	40.0	70							
								20.0	65			50.0	74.5							

The above products represent local stock holdings. Other specifications and materials available on request. Made to order lead times will occur.

Reinforcing Mesh & Bars, Trench Mesh

Reinforcing Meshes RL & SL - Trench Meshes - Reinforcing Bar. AS/NZS 4671

Rectangular Ribmesh							
Photo for illustration	SAP Search Description	Product Code	Long Wire mm	Cross Wire mm	Weight kg	Pack Size	SAP Number
	MESH-REO-RL1218-BLK-D500L-2400-6000	RL1218	11.9 @ 100	7.6 @ 200	157	10	152255
	MESH-REO-RL1118-BLK-D500L-2400-6000	RL1118	10.65 @ 100	7.6 @ 200	131	15	156254
	MESH-REO-RL1018-BLK-D500L-2400-6000	RL1018	9.5 @ 100	7.6 @ 200	109	15	161352
	MESH-REO-RL918-BLK-D500L-2400-6000	RL918	8.55 @ 100	7.6 @ 200	93	20	138332
	MESH-REO-RL818-BLK-D500L-2400-6000	RL818	7.6 @ 100	7.6 @ 200	79	20	109282
	MESH-REO-RL718-BLK-D500L-2400-6000	RL718	6.75 @ 100	7.6 @ 200	68	20	138331

Ribbed wire reinforcing mesh in standard 6.0m x 2.4m sheets. RL = rectangular ligatures.

Square Ribmesh							
Photo for illustration	SAP Search Description	Product Code	Long Wire mm	Cross Wire mm	Weight kg	Pack Size	SAP Number
	MESH-REO-SL81-BLK-D500L-2400-6000	SL81	7.6 @ 100	7.6 @ 100	105	20	109281
	MESH-REO-SL102-BLK-D500L-2400-6000	SL102	9.5 @ 200	9.5 @ 200	80	20	156265
	MESH-REO-SL92-BLK-D500L-2400-6000	SL92	8.55 @ 200	8.55 @ 200	65	20	109285
	MESH-REO-SL82-BLK-D500L-2400-6000	SL82	7.6 @ 200	7.6 @ 200	52	30	109283
	MESH-REO-SL72-BLK-D500L-2400-6000	SL72	6.75 @ 200	6.75 @ 200	40	40	109280
	MESH-REO-SL62-BLK-D500L-2400-6000	SL62	6.0 @ 200	6.0 @ 200	33	50	101856
	MESH-REO-SL52-BLK-D500L-2400-6000	SL52	4.75 @ 200	4.75 @ 200	21	50	109279

Ribbed wire reinforcing mesh in standard 6.0m x 2.4m sheets. SL = square ligatures.

To estimate your number of sheets, divide the area in square metres(m2) by 12.4 and round up to the next whole number.

4B2 Mesh™							
Photo for illustration	SAP Search Description	Product Code	Long Wire mm	Cross Wire mm	Weight kg	Pack Size	SAP Number
	MESH-REO-SL62-BLK-D500L-2000-4000	SL62-4B2	6.00 @ 200	6.00 @ 200	18	40	198309
	MESH-REO-SL72-BLK-D500L-2000-4000	SL72-4B2	6.75 @ 200	6.75 @ 200	23	40	198310
	MESH-REO-SL82-BLK-D500L-2000-4000	SL82-4B2	7.60 @ 200	7.60 @ 200	30	40	198313

Standard square mesh in a convenient 4.0m x 2.0m sheet size. Able to be carried on top of a ute - legally.

Trench Mesh							
Photo for illustration	SAP Search Description	Product Code	Long Wire mm	Cross Wire mm	Weight kg	Pack Size	SAP Number
	MESH-TRENCH-L8TM3-BLK-D500L-200-6000	L8TM3	200	3	7	40	109291
	MESH-TRENCH-L8TM4-BLK-D500L-300-6000	L8TM4	300	4	9	40	138335
	MESH-TRENCH-L8TM5-BLK-D500L-400-6000	L8TM5	400	5	11	30	156266
	MESH-TRENCH-L11TM3-BLK-D500L-200-6000	L11TM3	200	3	13	30	109286
	MESH-TRENCH-L11TM4-BLK-D500L-300-6000	L11TM4	300	4	18	30	109287
	MESH-TRENCH-L11TM5-BLK-D500L-400-6000	L11TM5	400	5	22	30	109288
	MESH-TRENCH-L12TM3-BLK-D500L-200-6000	L12TM3	200	3	16	30	109589
	MESH-TRENCH-L12TM4-BLK-D500L-300-6000	L12TM4	300	4	22	30	109290
	MESH-TRENCH-L12TM5-BLK-D500L-300-6000	L12TM5	400	5	27	30	

Ribbed wire trench mesh in 6.0m lengths.

To estimate the number of trench mesh sheets, divide the length of beam by 5.4 (600mm overlap) and round up to the next whole number.

All details courtesy of Arc.

Reinforcing Bars, Swimming Pool Reinforcing Bars

Reinforcing, Swimming Pool, Plain Bar & Safety Caps. AS/NZS 4671					
Deformed Bar					
SAP Search Description.	Product Code	Stock Length (m)	m/t	Length per t (approx)	SAP Number
DB-10-D500N-6000	N10S6	6.0	1560	260	n/a
DB-12-D500N-6000	N12S6	6.0	1083	181	100095
DB-12-D500N-9000	N12S9	9.0	1083	120	136814
DB-12-D500N-12000	N12S12	12.0	1083	90	n/a
DB-16-D500N-6000	N16S6	6.0	609	102	100111
DB-16-D500N-9000	N16S9	9.0	609	66	100113
DB-16-D500N-12000	N16S12	12.0	609	51	153936
DB-20-D500N-6000	N20S6	6.0	390	66	n/a
DB-20-D500N-9000	N20S9	9.0	390	43	n/a
DB-20-D500N-12000	N20S12	12.0	390	32	136818
DB-24-D500N-9000	N24S9	9.0	271	30	n/a
DB-24-D500N-12000	N24S12	12.0	271	23	110947
DB-28-D500N-12000	N28S12	12.0	199	17	143009
DB-32-D500N-12000	N32S12	12.0	152	13	150191
DB-36-D500N-12000	N36S12	12.0	120	10	176288
Swimming Pool Reinforcing Bar					
SAP Search Description.	Product Code	Length mm	Metres per t	Lengths per t	SAP Number
DB-12-D250N-06000	S12S6	6000	1083	161	143004
DB-12-D250N-09000	S12S9	9000	1083	120	136814

Reinforcing Plain Round Bar					
SAP Search Description.	Product Code	Length mm	Metres per t	Lengths per t	SAP Number
RD-006.50-R250N-06000	R6S6	6000	3691	619	179992
RD-010.00-R250N-06000	R10S6	6000	1560	260	176994
RD-012.00-R250N-06000	R12S6	6000	1083	181	177003
RD-016.00-R250N-06000	R16S6	6000	609	102	177008
RD-020.00-R250N-06000	R20S6	6000	390	65	177013
RD-024.00-R250N-06000	R24S6	6000	271	45	177017
RD-027.00-R250N-06000	R27S6	6000	214	36	n/a
RD-032.00-R250N-06000	R32S6	6000	143	24	n/a
RD-036.00-R250N-06000	R36S6	6000	120	20	n/a
Bar Guards					
SAP Search Description.	Code	Bar Size	Std Pack	Mass	SAP Number
CON-CAP-BARGUARD*	BARGUARD	12 to 36	100	3.80	137447

Detail courtesy of Arc.

Reosok®					
SAP Search Description.	Code	Bar Size	Std Pack	Mass	SAP Number
CON-CAPREO-SOK*	RS1220	12 to 20	50	2.35	168174
The RS2432 will also fit a fence picket.	RS2432	24 to 32	50	3.20	168175

Ligatures and Corner Bars

Ligatures and Corner Bars. AS/NZ 4671					
Ligatures 6mm					
Product Code	Dimensions	Std Pack	Mass-kg	SAP Code	SAP Search Description.
LIG61520	150 x 200	25	5.0	100009	No Known Code. Standard size 6mm ligatures for tying reinforcing bar or trench mesh. Manufactured from plain round bar Gr R250N.
LIG61530	150 x 300	25	6.2	100009	
LIG62020	200 x 200	25	5.9	100009	
LIG62030	200 x 300	25	7.6	100009	
LIG62040	200 x 400	25	9.4	100009	
LIG62050	200 x 500	25	11.1	100009	
LIG62520	250 x 200	25	6.8	100009	
LIG62525	250 x 250	25	7.3	100009	

Continued on next page...

Ligatures 6mm					
Product Code	Dimensions	Std Pack	Mass-kg	SAP Code	SAP Search Description.
LIG2530	250 x 300	25	8.2	100009	No Known Code. Standard size 6mm ligatures for tying reinforcing bar or trench mesh. Manufactured from plain round bar Gr R250N.
LIG63030	300 x 300	25	8.8	100009	
LIG63060	300 x 600	25	10.5	100009	
LIG63520	350 x 200	25	8.5	100009	
LIG63530	350 x 300	25	9.7	100009	
LIG64030	400 x 300	25	10.5	100009	
LIG64520	450 x 200	25	10.2	100009	
LIG64530	450 x 300	25	11.4	100009	
Ligatures 10mm					
Product Code	Dimensions	Std Pack	Mass-kg	SAP Code	SAP Search Description.
LIG102020	200 x 200	25	15.80	100009	No Known Code. Standard size 10mm ligatures for tying reinforcing bar or trench mesh. Manufactured from plain round bar Gr R250N.
LIG102025	200 x 250	25	19.80	100009	
LIG103015	300 x 150	25	19.00	100009	
LIG103020	300 x 200	25	20.60	100009	
LIG103030	300 x 300	25	23.70	100009	
LIG103520	350 x 200	25	23.00	100009	
LIG103530	350 x 300	25	26.10	100009	
LIG104020	400 x 200	25	25.30	100009	
LIG104020A	200 x 400	25	22.20	100009	
LIG104030	400 x 300	25	28.50	100009	
LIG104530	450 x 300	25	30.90	100009	

Standard Size ligatures. Plain reinforcing bar Grade R250N

Corner Bars					
Product Code	Dimensions	Bar Size	Angle	SAP Code	SAP Search Description.
CB1205	600 x 500	N12	90 degree	100009	No Known Code.
CB1206	600 x 600	N12	90 degree	176273	DB-12-D500N-L-600-600
CB120545	500 x 500	N12	45 degree	176270	DB-12-D500N-BENT-BUY-IN
CB120645	600 x 600	N12	45 degree	100009	No Known Code.
CB1606	600 x 600	N16	90 degree	100009	No Known Code.
CB1607	700 x 700	N16	90 degree	100009	No Known Code.
CB1608	800 x 800	N16	90 degree	100009	No Known Code.
CB160745	700 x 700	N16	45 degree	100009	No Known Code.

Standard cut & bent deformed bar Grade D500N.

Starter Bars, Footing Cages & Spirals

Starter Bars					
SAP Search Description	Product Code	Dimensions	Bar Size	Shape	SAP Code
REO-BAR-START-R250N-10-1000-120-150	SB1012H	1100 x 150 x 120	R10	Safety Hook	196087
REO-BAR-START-R250N-10-1000-200	SB1012	1000 x 200	R10	L	178569
100009 - No Known Code	SB1014	1400 x 200	R10	L	100009
REO-BAR-START-D500N-12-0800-200	SB120820	800 x 200	N12	L	143357
REO-BAR-START-D500N-12-1000-200	SB121020	1000 x 200	N12	L	143358
100009 - No Known Code	SB121030	1000 x 300	N12	L	100009
REO-BAR-START-D500N-12-1200-150	SB121215	1200 x 150	N12	L	178560
100009 - No Known Code	SB121220	1200 x 200	N12	L	100009
100009 - No Known Code	SB1212	1200 x 250	N12	L	100009
100009 - No Known Code	SB1214	1400 x 250	N12	L	100009
REO-BAR-START-D500N-12-1000-150-100	SB1210	1000 x 150 x 100	N12	Safety Hook	178558
REO-BAR-START-D500N-12-1000	SB121000	1000	N12	Straight	178557
REO-BAR-START-D500N-12-1200	SB121200	1200	N12	Straight	178559
REO-BAR-START-D500N-12-1500	SB121500	1500	N12	Straight	178563
REO-BAR-START-D500N-12-2000	SB122000	2000	N12	Straight	178564
REO-BAR-START-D500N-12-3000	SB123000	3000	N12	Straight	178565
100009 - No Known Code	SB161030	1000 x 300	N16	L	100009
100009 - No Known Code	SB1614	1400	N16	L	100009

Z Footing Cages					
SAP Search Description.	Product Code	Width x Height	Substitute for		SAP Code
			Top	Bottom	
100009 - No Known Code	Z17X20412	170 x 200	L8TM3	L8TM3	100009
100009 - No Known Code	Z17X30810	170 x 300	L11TM3	L11TM3	100009
100009 - No Known Code	Z17X30811	170 x 300	L12TM3	L12TM3	100009
100009 - No Known Code	Z17X40810	170 x 400	L11TM3	L11TM3	100009
100009 - No Known Code	Z17X40811	170 x 400	L12TM3	L12TM3	100009

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Wz Footing Cages

SAP Search Description.	Product Code	Width x Height	Substitute for		SAP Code
			Top	Bottom	
100009 - No Known Code	TZ20X30611	200 x 300	L11TM3	L11TM3	100009
100009 - No Known Code	TZ20X30612	200 x 300	L12TM3	L12TM3	100009
100009 - No Known Code	TZ20X40611	200 x 400	L11TM3	L11TM3	100009
100009 - No Known Code	TZ20X40612	200 x 400	L12TM3	L12TM3	100009
100009 - No Known Code	TZ20X30811	200 X 300	L11TM4	L11TM4	100009

Ribwire Spirals

SAP Search Description.	Product Code	Spiral Diameter	Wire mm	Tune	SAP Code
WIRE-06.00-BRT-RIB-SPIRAL-40T-150	RBW6MOSP15	150	6	40	100009
WIRE-06.00-BRT-RIB-SPIRAL-40T-170	RBW6MOSP17	170	6	40	178677
WIRE-06.00-BRT-RIB-SPIRAL-40T-200	RBW6MOSP20	200	6	40	178678
WIRE-06.00-BRT-RIB-SPIRAL-40T-250	RBW6MOSP25	250	6	40	178679
WIRE-06.00-BRT-RIB-SPIRAL-40T-300	RBW6MOSP30	300	6	40	178680
WIRE-06.00-BRT-RIB-SPIRAL-40T-400	RBW6MOSP45	450	6	40	178681

Plastic Clipfast Spacers and Deck Chairs

Plastic Clip Fast Spacers

Product Code	Height	Std Pack	Mass-kg	SAP Code	SAP Search Description.
CFB20	20	100	0.62	178027	CON-BCHAIR-CLIPFAST-B* Suitable for bars 12mm to 16mm diameter. Use for suspended slabs.
CFB25	25	100	0.69	168662	
CFB30	30	100	0.71	176165	
CFB32	32	100	0.72	167974	
CFB35	35	100	0.75	176166	
CFB40	40	100	0.81	167975	
CFB50	50	100	0.92	160405	
CFB65	65	100	1.10	167976	
CFB75	75	100	1.39	176167	
CFBP40	40	100	2.31	110558	
CFBP50	50	100	2.70	110559	
CFBP65	65	100	3.00		
CFBP75	75	100	3.30		

Plastic Clip Fast Spacers					
Product Code	Height	Std Pack	Mass-kg	SAP Code	SAP Search Description.
CFM20	20	100	0.60	178029	CON-BCHAIR-CLIPFAST-M* "M" style mesh support. Use for precast and tilt up panels.
CFM25	25	100	0.64	176168	
CFM30	30	100	0.66	176165	
CFM32	32	100	0.70	178030	
CFM40	40	100	1.51	167977	
CFM50	50	100	1.58	137467	
CFM65	65	100	1.83	167978	
CFM75	75	100	1.96	167979	
CFSBASE	Plastic Base	100	2.90	178028	CON-BCHAIR-CLIPFAST-BASE

Plastic Deck Chairs						
Product Code	Height	Std Pack	Mass-kg	SAP Code	Application	SAP Search Description.
PDS20	20/25	100	0.83	178055	Bottom	CON-DCHAIR-PLAS* Used in supporting top and bottom reinforcing. Use for suspended slabs.
PDS25	25/30	100	0.89	178056	Bottom	
PDS30	30/40	100	1.11	178057	Bottom	
PDS35	35/45	100	1.26	178058	Bottom	
PDS40	40/50	100	1.36	178059	Bottom	
PDS50	50/65	100	3.00	178060	Bottom	
PDS65	65/75	100	3.60	178061	Top	
PDS90	90/100	100	4.20	178062	Top	
PDS110	110/120	100	4.80	178063	Top	
PDS130	130/140	100	5.30	178064	Top	
PDS150	150/160	100	5.90	178065	Top	
PDS170	170/180	100	6.50	178066	Top	
PDS190	190/200	100	7.00	178067	Top	
BCBASE130	Plastic Base	100	3.00	201549	Base	

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Plastic Deck Chairs						
Product Code	Height	Std Pack	Mass-kg	SAP Code	Application	SAP Search Description.
BPDS25/30	25/30	100			Bottom	Suitable for suspended slabs. Supports top & bottom reinforcing.
BPDS35/40	35/40	100			Bottom	
BPDS45/50	45/50	100			Bottom	
BPDST65/75	65/75	50			Top	
BPDST90/100	90/100	50			Top	
BPDST110/120	110/120	50			Top	
BPDST130/140	130/140	50			Top	
BPDST150/160	150/160	50			Top	
BPDST170/180	170/180	50			Top	
BDPST190/200	190/200	50			Top	

Fastwheel Spacers and Slab on Ground Chairs

FASTWHEEL PLASTIC SPACER							
SAP Search Description.	Product Code	Bar Size.			Cover	Pack/Mass	SAP Code
CON-FASTWHEEL* Used to clip onto fitments. Best used for columns and piers.	FW2012	4	-	12	20	100	171482
	FW2512	4	-	12	25	100	176200
	FW2520	16	-	20	25	100	179427
	FW3012	4	-	12	30	100	176201
	FW3020	12	-	20	30	100	190498
	FW4012	3	-	12	40	100	168261
	FW4020	12	-	20	40	100	176202
	FW5012	4	-	12	50	100	168262
	FW5020	12	-	20	50	100	176203
	FW6012	4	-	12	60	100	171483
	FW6512	8	-	12	65	100	100009
	FW7512	4	-	12	75	100	171484
	FW7520	12	-	20	75	100	176205

Plastic Slab On Ground Spacers				
SAP Search Description.	Product Code	Height	Pack/ Mass	SAP Code
CON-BCHAIR-PLAS-SOG* Combination size plastic bar chairs in popular sizes.	SOG2540	20/40	100/2.20	110552
	SOG5065	50/65	100/2.50	143353
	SOG5065H	50/65 Slide Clip H Base	100/2.40	176175
	SOG7590	75/90	100/2.70	143354
	SOG85100	85/100	100/3.10	110556
	SOG105110	105/110	100/3.30	137452
	SOG115120	115/120	100/7.50	137453
	SOG125130	125/130	100/7.80	137454
	SOG135140	135/140	100/8.60	137455
	SOG145150	145/150	100/8.80	137456
	SOGC5065	50/65 Clip on	100	168171
	SOGC7590	75/90 Clip on	100	100009
	SOGC85100	85/100 Clip on	100	100009

Plastic Tipped Wire Chairs and Bases

Plastic Fastwheel Spacers and Slab on Ground Chairs					
Plastic Tipped Wire Chairs					
Product Code	Bar Size	Std Pack	Mass-kg	SAP Code	SAP Search Description
BCPT20	20	200	3.00	137457	
BCPT25	25	100	2.00	110551	CON-BCHAIR-BCPT*
BCPT30	30	100	2.00	167980	
BCPT40	40	100	2.00	137458	
BCPT50	50	100	5.00	143355	Four leg wire supports.
BCPT65	65	100	6.00	137459	
BCPT75	75	100	7.00	110554	
BCPT80	80	100	7.50	137461	
BCPT90	90	100	8.00	176156	Used for Top and Bottom reinforcing.
BCPT100	100	100	11.00	110550	
BCPT110	110	50	5.00	155767	
BCPT120	120	50	7.00	167981	Used with flat metal bases.
BCPT130	130	50	8.00	137463	
BCPT140	140	50	9.00	167982	

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Plastic Fastwheel Spacers and Slab on Ground Chairs

Plastic Tipped Wire Chairs

Product Code	Bar Size	Std Pack	Mass-kg	SAP Code	SAP Search Description
BCPT150	150	50	10.00	155768	
BCPT160	160	50	10.00	176157	
BCPT170	170	50	11.00	176158	CON-BCHAIR-BCPT*
BCPT180	180	25	8.00	160404	
BCPT190	190	25	8.50	176159	
BCPT200	200	25	9.00	137464	Four leg wire supports.
BCPT210	210	25	9.00	179378	
BCPT220	220	25	9.00	167983	
BCPT230	230	25	10.00	176160	
BCPT240	240	25	10.00	137465	Use for Top and Bottom reinforcing.
BCPT250	250	25	10.00	176161	
BCPT260	260	25	11.00	176162	
BCPT270	279	25	11.50	100009	
BCPT280	280	25	12.00	177184	Used with flat metal bases.
BCPT290	290	25	12.50	176163	
BCPT300	300	25	12.50	137466	
BCPT320	320	25	13.50	176164	
BCPT340	340	25	14.00	178026	
BCPT360	360	25	14.50	179380	
BCPT380	380	25	15.00	100009	

Metal Bases

Product Code	For sizes.	Std Pack	Mass-kg	SAP Code	SAP Search Description.
Base152	20 - 140	100	5.20	155766	CON-BCHAIR-METAL-BASE*
Base224	150-220	50	5.50	168259	

Trench Mesh Supports, Cont. Bar Chairs, Block Spacers

Wire Trench Mesh Clips					
SAP Search Description	Product Code	Cover mm	Bar Size	Std Pack	SAP Code
	TMC8150	150	8TM	100	100009
	TMC8200	200	8TM	50	100009
Used to provide a fast and efficient way to achieve a rigid cage for a foundation.	TMC8250	250	8TM	100	100009
	TMC8300	300	8TM	50	100009
	TMC8350	350	8TM	50	100009
	TMC8400	400	8TM	50	100009
	TMC11200	200	11TM	50	100009
	TMC11250	250	11TM	100	100009
No Known Code	TMC11300	300	11TM	50	100009
	TMC11350	350	11TM	50	100009
	TMC11400	400	11TM	50	100009
	TMC11450	450	11TM	50	100009
No Known Code	TMC11500	500	11TM	50	100009
	TMC12200	200	12TM	50	100009
	TMC12250	250	12TM	100	100009
	TMC12300	300	12TM	50	100009
No Known Code	TMC12350	350	12TM	50	100009
	TMC12400	400	12TM	50	100009
	TMC12450	450	12TM	50	100009
	TMC12500	500	12TM	50	100009

Plastic Trench Mesh Support					
SAP Search Description	Product Code	Width mm	Bar Size	Std Pack	SAP Code
CON-TRENCH*	TMS60	260	60x8-12	25	100009

PLASTIC CONTINUOUS BAR CHAIR

SAP Search Description	Product Code	Length mm	Cover mm	Std Pack	SAP Code
Ensures quick placement of reinforcement.	SMCBC252	2000	25	100	100009
	SMCBC402	2000	40	100	100009
	SMCBC502	2000	50	100	100009

CONCRETE BLOCK SPACERS

SAP Search Description.	Product Code	Description	Height mm	Std Pack	SAP Code
	ASPW25	Wired	25	125	176151
	ASPW30	Wired	30	100	176152
	ASPW35	Wired	35	100	100009
	ASPW40	Wired	40	75	176154
CON-BCHAIR-ASPRO*	ASPW45	Wired	45	75	100009
	ASPW50	Wired	50	60	176155
High load capacity, dual height concrete block spacers.	ASPW55	Wired	55	50	100009
	ASPW60	Wired	60	40	100009
	ASPW65	Wired	65	40	178024
	ASPW70	Wired	70	30	100009
No Known Code.	ASPW75	Wired	75	30	177754
	ASPW80	Wired	80	25	100009
	ASPW85	Wired	85	25	100009
	CBF6550	Flat 65x50	75	25	100009

LYSAGHT BONDEK® & Accessories

LYSAGHT BONDEK® is a high strength structural steel decking manufactured from zinc coated steel to AS1397.

Available in three thicknesses, BONDEK® is suitable for domestic applications such as home units and town houses, as well as commercial construction in steel-framed and concrete-framed buildings.

Lengths can be custom cut to suit project requirements.

Acts as permanent formwork with minimal propping.

Length range is 600mm to 10.000 metres.

Excellent spanning capacities.

Fast and easy to install (590mm coverage).

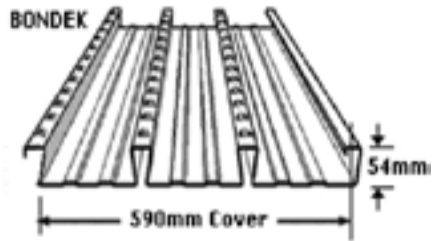
Works as a composite slab saving on concrete and reinforcing costs.

Durable galvanized coating.



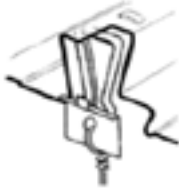

With ribs at 200mm centres, this creates a safe working platform with slip resistant embossing on ribs.

Installation of suspended services and ceilings without drilling into the concrete slab.

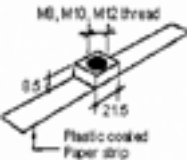



Reliable interlocking mechanism provides horizontal lapping for faster installation.



Material Specifications					
Thickness (mm)	SAP Code	Mass		Yield Strength MPa	Coverage m ² /t
		kg/m ²	kg/m		
0.60	181219	8.52	5.03	550	117.37
0.75	181217	10.50	6.20	550	95.24
1.00	181218	13.79	8.14	550	72.52

LYSAGHT BONDEK® Accessories			
End Plugs		Bonstrip	
<p>Polyethylene end plugs stop concrete and air from entering the end of the ribs.</p> 		<p>Plastic trim to cover gaps formed by ribs. Used when underside of BONDEK® forms an exposed ceiling. Stock length: 3000mm</p> 	
Bonwedge		Edgeform	
<p>Lightweight bracket for rods to suspend ceilings or services (other than fire sprinkler systems). Max. Load: 100kg. SAP Code - 179396 (Plated)</p> 		<p>A galvanized section that creates a permanent formwork at the slab edges - cut, mitred and screwed on site. Stock slab depths: 100(176181), 125(176182), 150mm(176183) (others to special order). Stock length: 6100mm</p> 	

LYSAGHT BONDEK® Accessories

Bon-nut		Bonfill	
<p>Heavy duty square nut to suspend ceilings or services. Glued to a paper strip that makes insertion easy. Threads: M8, M10 & M12 Loads: 390 to 670kg</p>		<p>Polystyrene foam stops concrete and air from entering ends of ribs. Stock length: 1200mm Required: 300mm per sheet of Bondek.</p>	
Ceiling Suspension Nut		Brackets from builders strapping	
<p>Pressed metal threaded bracket to suspend ceilings or services. Thread: M6 Max. Load. 270kg</p>		<p>25mm x 1.0mm. Fixed with self-drilling hex. head. Teks screws with drill points. 10-16 x 16 Required: 40 per length of Edgeform.</p>	

Crack Inducers, Dowels & Dowel Serts

CRACK-A-JOINT®

SAP Search Description.	Product Code	Description	Dimension	SAP Code
CON-CRACK-IND-25-03000	DYCRAK253	Plain	25 x 3000	168169
CON-CRACK-IND-45-03000	DYCRAK453	Plain	45 x 3000	168170
Surface crack control strips for small pours.				

CRACK-A-JOINT®

SAP Search Description.	Product Code	Description	Colour	SAP Code
CON-CRACK-IND-CAP-BLK-25-0300	DYCRAK253B	Rip a Strip	Black	176191
CON-CRACK-IND-CAP-BLK-45-0300	DYCRAK453B	Rip a Strip	Black	178052
Fluted preformed metal crack inducer designed to induce a crack along the strip as concrete cures.				

Crack Inducer on Ground

SAP Search Description.	Product Code	Description	Dimension	SAP Code
No Known Code.	DYGCRAK25	Plastic Strip	3000 x 150	100009
Designed to induce a crack in floor slab from the ground up. Up to 200mm slabs.				

Dowel Bars				
SAP Search Description.	Product Code	Bar Size	Length	SAP Code
REO-DOWEL-R250N-BLK-FC-16-450	DL16450FC	16	450	162809
REO-DOWEL-R250N-BLK-FC-16-600	DL16600FC	16	600	178597
REO-DOWEL-R250N-BLK-FC-20-450	DL20450FC	20	450	178711
REO-DOWEL-R250N-BLK-FC-20-600	DL20600FC	20	600	171792
Black round bar used to control movements in joints of concrete slabs. Grade 250R friction cut.				

Dowel Bars Hot Dipped Galvanized				
SAP Search Description.	Product Code	Bar Size	Length	SAP Code
REO-DOWEL-R250N-HDGAL-FC-16-450	DL16450FCD	16	450	178608
REO-DOWEL-R250N-HDGAL-FC-16-600	DL16600FCD	16	600	178609
REO-DOWEL-R250N-HDGAL-FC-20-450	DL20450FCD	20	450	178612
REO-DOWEL-R250N-HDGAL-FC-20-600	DL20600FCD	20	600	178613
No Known Code.	DL24600FCD	24	600	100009
No Known Code.	DL20800FCD	20	800	100009
Hot dipped galvanized round bar used to control movement in joints of concrete slabs. GR250R friction cut.				

Dowel Serts				
SAP Search Description.	Product Code	Bar Size	Length	SAP Code
CON-DOWEL-SERT-16-200-400	DWLSERT16	16	200	162833
CON-DOWEL SERT-20-300-600	DWLSERT20	20	300	162834
Nail on, two part, black plastic sleeve for dowels.				

Dowel Expansion Caps				
SAP Search Description.	Product Code	Bar Size	Std Pack	SAP Code
CON-EXP-CAP-12	CONCAP12	12	100	109516
CON-EXP-CAP-16	CONCAP16	16	100	167973
CON-EXP-CAP-20	CONCAP20	20	100	137469
CON-EXP-CAP-24	CONCAP24	24	100	176197
A plastic cap with a hinged end, to fit over a round bar, creating a void at the end of the dowel bar.				

Dowel Sleeves & Square Dowel Bars

Dowel Sleeves Universal			
Product Code	Description	SAP Code	SAP Search Description.
KJUDS1623R	16 x 230 Round (Pink)	100009	No Known Code.
KJUDS1630R	16 x 300 Round (Pink)	179461	CON-KEY-JNT-DOWEL-SLV-RD-16
KJUDS2023R	20 x 230 Round (Blue)	100009	No Known Code.
KJUDS2030R	20 x 300 Round (Blue)	179462	CON-KEY-JNT-DOWEL-SLV-RD-20
KJUDS1623S	16x230 Square (Green)	100009	No Known Code.
KJUDS1630S	16x300 Square (Green)	192458	CON-KEY-JNT-DOWEL-SLV-SQ-16
KJUDS2023S	20x230 Square (Yellow)	100009	No Known Code.
KJUDS2030S	20x300 Square (Yellow)	192459	CON-KEY-JNT-DOWEL-SLV-SQ-20

Dowel Speed Sleeves			
Product Code	Description	SAP Code	SAP Search Description.
SSR1623	16 x 240 Round	181161	CON-DOWEL-SPEED-SLV-RD-16-240
SSR1630	16 x 310 Round	181162	CON-DOWEL-SPEED-SLV-RD-16-310
SSR2023	20 x 240 Round	100009	CON-DOWEL-SPEED-SLV-RD-20-240
SSR2030	20 x 300 Round	181164	CON-DOWEL-SPEED-SLV-RD-20-310
SSNP16	16 - Nail Plate	181159	CON-DOWEL-SPEED-SLV-RD-NAIL-PL-16
SSNP20	20 - Nail Plate	181160	CON-DOWEL-SPEED-SLV-RD-NAIL-PL-20
Round dowel sleeves with reusable nailing plates			

Square Dowel Bars - Black			
Product Code	Description	SAP Code	SAP Search Description.
DQ16300FC	16 x 300	100009	No Known Code.
DQ16400FC	16 x 400	178586	REO-DOWEL-MS-BLK-FC-SQ-16-400
DQ16450FC	16 x 450	178587	REO-DOWEL-MS-BLK-FC-SQ-16-450
DQ16500FC	16 x 500	178588	REO-DOWEL-MS-BLK-FC-SQ-16-500
DQ16600FC	16 x 600	100009	No Known Code.
DQ20300FC	20 x 300	100009	No Known Code.
DQ20400FC	20 x 400	177044	REO-DOWEL-MS-BLK-FC-SQ-20-400
DQ20450FC	20 x 450	100009	No Known Code.
DQ20500FC	20 x 500	177045	REO-DOWEL-MS-BLK-FC-SQ-20-500
DQ20600FC	20 x 600	191653	REO-DOWEL-MS-BLK-FC-SQ-20-600
DQ25300FC	25 x 300	100009	No Known Code.

Square Dowel Bars - Black			
Product Code	Description	SAP Code	SAP Search Description.
DQ25400FC	25 x 400	100009	No Known Code.
DQ25500FC	25 x 500	100009	No Known Code.
DQ25600FC	25 x 600	100009	No Known Code.

Square Dowel Bars Hot Dipped Galvanized			
Product Code	Description	SAP Code	SAP Search Description.
DQ16400FCD	16 x 400	178589	REO-DOWEL-MS-HDGAL-FC-SQ-16-400
DQ16450FCD	16 x 450	100009	No Known Code.
DQ16500FCD	16 x 500	100009	No Known Code.
DQ16600FCD	16 x 600	100009	No Known Code.
DQ20400FCD	20 x 400	100009	No Known Code.
DQ20450FCD	20 x 450	100009	No Known Code.
DQ20500FCD	20 x 500	177046	REO-DOWEL-MS-HDGAL-FC-SQ-20-500
DQ20600FCD	20 x 600	178590	REO-DOWEL-MS-HDGAL-FC-SQ-20-600
DQ25400FCD	25 x 400	100009	No Known Code.
DQ25500FCD	25 x 500	100009	No Known Code.
DQ25600FCD	25 x 600	100009	Hot Dipped Galvanized dowels as above.

Dowelmaster® and Dowel Accessories

Dowelmaster®				
SAP Search Description.	Product Code	Description	Std Pack	SAP Code
No Known Code	DLMaster16	Square 16	100	100009
No Known Code	DLMaster20	Square 20	100	100009
GEN-MISC-PLATE-NAIL-DOWELMSTR-16	NAILPLT16	Nail Plate 16	100	176935
GEN-MISC-PLATE-NAIL-DOWELMSTR-20	NAILPLT20	Nail Plate 20	100	180062
Square plastic sleeve for square steel dowels.				

Dowel Covers Square Metal				
SAP Search Description.	Product Code	Description	Std Pack	SAP Code
CON-DOWEL-CVR-SQ-16-200	DYDCM16200	16 x 200	100	176192
No Known Code	DYDCM16250	16 x 250	100	100009
No Known Code	DYDCM16300	16 x 300	100	100009
No Known Code	DYDCM20200	20 x 200	100	100009

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Dowel Covers Square Metal

SAP Search Description.	Product Code	Description	Std Pack	SAP Code
CON-DOWEL-CVR-SQ-20-250	DYDCM20250	20 x 250	100	176193
No Known Code	DYDCM20300	20 x 300	100	100009
No Known Code	DYDCM25200	25 x 200	100	100009
No Known Code	DYDCM25250	25 x 250	100	100009
No Known Code	DYDCM25300	25 x 300	100	100009
Square metal cover for square dowels.				

Diamond® Dowels & Sleeves

SAP Search Description.	Product Code	Description	Std Pack	SAP Code
No Known Code	DYDD06B	110 x 6 Blk	1	100009
No Known Code	DYDD06G	110 x 6 Gal	1	100009
No Known Code	DYDD10B	110 x 10 BLK	1	100009
No Known Code	DYDD10G	110 x 10 Gal	1	100009
No Known Code	DDKB110625	110 x 6 Blk	25	100009
No Known Code	DDKG110625	110 x 6 Gal	25	100009
No Known Code	DDKB111015	110 x 10 Blk	15	100009
No Known Code	DDKG111015	110 x 10 Gal	15	100009
High performance steel plate dowel system for joints in concrete slabs. Sleeve acts as nail plate with nails already inserted ready for easy use.				

Biscuit Dowels

SAP Search Description.	Product Code	Description	Dimension	Min Qty
No Known Code	CBD6BLK	Blk with sleeve	6x110x150	10/box
No Known Code	CBD6GAL	Gal with sleeve	6x110x150	10/box
No Known Code	CBD10BLK	Blk with sleeve	10x110x150	10/box
No Known Code	CBD10GAL	Gal with sleeve	10x110x150	10/box

Danley® Dowel Plate Cradles

SAP Search Description.	Product Code	Description	Dimension	Slab Thick
No Known Code	DYPC10156B	Black	3000 x 10	150
No Known Code	DYPC10156G	Galvanized	3000 x 10	150
No Known Code	DYPC1017B	Black	3000 x 10	175
No Known Code	DYPC1017G	Galvanized	3000 x 10	175
Danley® Plate Dowels consist of a plate dowel secured in a fabricated cradle. A highly efficient dowel system well suited for contraction joints.				

Dowel Plate Cradles, Expansion Jointing & Key Joints

Connolly Dowel Plate Cradles			
Product Code	Dimension.	Description	SAP Search Description - SAP Code.
DCPL06150B	3000 x 6	Black	No Known Code - 100009
DCPL06150D	3000 x 6	Galvanized	No Known Code - 100009
DCPL10180D	3000 x 10	Galvanized	No Known Code - 100009
DCPL10180B	3000 x 10	Black	No Known Code - 100009

Flexible Expansion Jointing			
Product Code	L x W x t	Description	SAP Search Description - SAP Code.
JFP1075	25mx75mmx10mm	Plain	CON-JF-FOAM-ZIP-010-075-25000 - 178074
JFP10100	25mx100mmx10mm	Plain	CON-JF-FOAM-ZIP-010-100-25000 - 178075
JFP10125	25mx125mmx10mm	Plain	CON-JF-FOAM-PLAIN-010-125-25000-176216
JFP10150	25mx150mmx10mm	Plain	CON-JF-FOAM-ZIP-010-150-25000 - 178077
JFP10200	25mx200mmx10mm	Plain	CON-JF-FOAM-ZIP-010-200-25000 - 178078
JFZ1075	25mx75mmx10mm	Zipped	No Known Code - 100009
JFZ10100	25mx100mmx10mm	Zipped	No Known Code - 100009
JFZ10125	25mx125mmx10mm	Zipped	No Known Code - 100009
JFZ10150	25mx150mmx10mm	Zipped	No Known Code - 100009
JFZ10200	25mx200mmx10mm	Zipped	No Known Code - 100009
ZFA1075	25mx75mmx10mm	Adhesive	CON-JF-ADH-010-075-25000 - 190583
ZFA10100	25mx100mmx10mm	Adhesive	CON-JF-ADH-010-100-25000 - 176213
ZFA10125	25mx125mmx10mm	Adhesive	CON-JF-ADH-010-125-25000 - 192381
JFA10150	25mx150mmx10mm	Adhesive	CON-JF-ADH-010-150-25000 - 176214
JFA10200	25mx200mmx10mm	Adhesive	CON-JF-ADH-010-200-25000 - 178073
A flexible foam suitable for joints in concrete slabs.			

Stiff Expansion Joint			
Product Code	L x W x t	Description	SAP Search Description - SAP Code.
JF1075	2440 x 75 x 10	Stiff Joint	CON-JF-DRY-010-075-02440 - 179442
JF10100	2440 x 100 x 10	Stiff Joint	CON-JF-DRY-010-100-02440 - 179443
A bitumen impregnated stiff fibrous material used in concrete slabs.			

Danley Formwork Pecaform™

Product Code	Dimension.	Description	SAP Search Description - SAP Code.
PFORM060	600 x 2400	Pecaform	No Known Code - 100009
PFORM090	900 x 2400	Pecaform	No Known Code - 100009
PFORM120	1200 x 2400	Pecaform	No Known Code - 100009
PFORM150	1500 x 2400	Pecaform	No Known Code - 100009
PFORM180	1875 x 2400	Pecaform	No Known Code - 100009
Flat steel wire mesh with heat shrunk layer of polyethylene applied to both sides.			

Connolly Expansion Joints

Product Code	Size	Description	SAP Search Description - SAP Code.
KJFXJ1030	3mx100	Profile, form,pegs, wedges	No Known Code - 100009
KJFX1230	3mx125	Profile, form,pegs, wedges	No Known Code - 100009
KJFX1530	3mx150	Profile, form,pegs, wedges	No Known Code - 100009
FJZXJDS		Sleeve with foot	No Known Code - 100009

Expansion Jointing & Key Joints

Connolly Key Joints & Accessories

SAP Search Description - SAP Code.	Product Code	L x W x t	Description
CON-KEY-JNT-8PW-100-6000 - 155771	KJC100	6000 x 100	Key Joint
CON-KEY-JNT-8PW-150-6000 - 137475	KJC150	6000 x 150	Key Joint
CON-KEY-JNT-8PW-200-6000 - 155772	KJC200	6000 x 200	Key Joint
CON-KEY-JNT-8PW-300-6000 - 179457	KJC300	6000 x 300	Key Joint
CON-KEY-JNT-PEG-WEDGE-150-QTY8 - 176223	KJCWEDGE	150 (8)	Wedge
CON-KEY-JNT-PEG-WEDGE-350-QTY8 - 100009	KJCPEG350	350 (8)	Peg & Wedge
CON-KEY-JNT-PEG-WEDGE-400-QTY8 - 178082	KJCPEG400	400 (8)	Peg & Wedge
No Known Code - 100009	KJCPEG500	500 (8)	Peg & Wedge
Galvanized sheet metal profile used in forming contraction joints in concrete footpaths, using a peg & wedge.			

PVC Capping Permanent

SAP Search Description - SAP Code.	Product Code	Dimension	Description
No Known Code - 100009	KJCCPB25	24m x 9mm x 13mm	Black w/strip

PVC Capping Removable

SAP Search Description - SAP Code.	Product Code	Dimension	Description
No Known Code - 100009	KJCCRG25	24mx7.5mmx10mm	Grey
No Known Code - 100009	KJCCRG6	6.0mx12mmx14mm	Grey

PVC Rebate Moulds

SAP Search Description - SAP Code.	Product Code	Dimension	Description
CON-KEY-JNT-REBATE-MLD-12-12 - 176224	KJRM12	3.0mx12mmx12mm	Yellow Rigid
No Known Code - 100009	KJRM20	3.0mx10mmx20mm	Grey Rigid

Danley Key Joint & Accessories

SAP Search Description - SAP Code.	Product Code	Description	Dimension
No Known Code - 100009	KJD100	Key Joint + 8 Stakes	6000 x 100
No Known Code - 100009	KJD125	Key Joint + 8 Stakes	6000 x 120
No Known Code - 100009	KJD150	Key Joint + 8 Stakes	6000 x 150
No Known Code - 100009	KJD200	Key Joint + 8 Stakes	6000 x 200
No Known Code - 100009	KJD250	Key Joint + 8 Stakes	6000 x 250
No Known Code - 100009	KJDPEG350	Stakes	10 x 350
No Known Code - 100009	KJDPEG450	Stakes	10 x 450
No Known Code - 100009	KJDPEG550	Stakes	10 x 550
		Key Joint Capping	
No Known Code - 100009	KJDRS25B	Black	25000
No Known Code - 100009	KJDRS25G	Grey	25000
No Known Code - 100009	KJDCR25	Rem Std	25000 x 10

Expanda Joint

SAP Search Description - SAP Code.	Product Code	Description	Dimension
No Known Code - 100009	KJDEXP100	Expanda joint/4 stakes	3000 x 100
No Known Code - 100009	KJDEXP125	Expanda joint/4 stakes	3000 x 125
No Known Code - 100009	KJDEXP150	Expanda joint/4 stakes	3000 x 150
No Known Code - 100009	KJDEXP200	Expanda joint/4 stakes	3000 x 200
No Known Code - 100009	KJDEXP250	Expanda joint/4 stakes	3000 x 250

Galintel® Tees - Building Products Accessories

Galintel® Multi-Rib T Bar			
Product Code	Length mm	Dimension	SAP Code - SAP Search Description.
GLINT27	2700	200 x 200 x 7	140216 - TBAR-2007-2007-MRS-GAL-2700
GLINT30	3000	200 x 200 x 7	140217 - TBAR-2007-2007-MRS-GAL-3000
GLINT33	3300	200 x 200 x 7	140218 - TBAR-2007-2007-MRS-GAL-3300
GLINT936	3600	200 x 200 x 9	177058 - TBAR-2009-2009-MRS-GAL-3600
GLINT939	3900	200 x 200 x 9	180136 - TBAR-2009-2009-MRS-GAL-3900
GLINT942	4200	200 x 200 x 9	180136 - TBAR-2009-2009-MRS-GAL-4200
GLINT945	4500	200 x 200 x 9	178629 - TBAR-2009-2009-MRS-GAL-4500
GLINT951	5100	200 x 200 x 9	140220 - TBAR-2009-2009-MRS-GAL-5100
GLINT954	5400	200 x 200 x 9	140221 - TBAR-2009-2009-MRS-GAL-5400
GLINT957	5700	200 x 200 x 9	140222 - TBAR-2009-2009-MRS-GAL-5700
GLINT960	6000	200 x 200 x 9	152763 - TBAR-2009-2009-MRS-GAL-6000
Galintel® T section is a cold rolled lintel bar providing recesses for mortar. Used in the formation of composite beams in cavity brick wall construction supporting both skins of brickwork.			

Polythene Building Film			
Product Code	Description	SAP Code	SAP Search Description.
FS3425	Orange Super	176241	CON-POLY-SUPR-300UM-ORNG-4000-25000
FO2633	Arcon Premium	100009	No Known Code
FO2250	Orange Polythene	100009	No Known Code
FO2450	Orange Polythene	176239	CON-POLY-IND-200UM-ORNG-4000-50000
FP2250	Orange Premium	100009	CON-POLY-PREM-200UM-ORNG-2000-50000
FP2450	Orange Premium	176240	CON-POLY-PREM-200UM-ORNG-4000-50000
FB2250	Black Polythene	100009	No Known Code
FB2450	Black Polythene	137468	CON-POLY-IND-200UM-BLK-4000-50000
FBHI2250	Black High Impact	178086	CON-POLY-HI-IMP-200UM-BLK-2000-50000
FBHI2450	Black High Impact	176238	CON-POLY-HI-IMP-200UM-BLK-4000-50000
TPVC30	Grey Duct Tape	137481	GEN-TAPE-JOINING-PVC-GRY-50-30000
Moisture barrier and sealing tape used in slab on ground construction.			

Polystyrene Void Formers			
Product Code	Height	SAP Code	SAP Search Description.
POD150	175	179472	CON-POD-VOID-1090-1090-150
POD175	175	176234	CON-POD-VOID-1090-1090-175
POD225	225	176235	CON-POD-VOID-1090-1090-225
POD300	300	176236	CON-POD-VOID-1090-1090-300
POD375	375	176237	CON-POD-VOID-1090-1090-375
A void former manufactured from expanded polystyrene used on ground concrete raft slabs.			

Plastic Spacers			
Product Code	Dimension	SAP Code	SAP Search Description.
PODSPA2	100 - 110 (25)	176231	CON-POD-SPCR-EDGE-2WAY
PODSPA4	100 - 300 (25)	176230	CON-POD-SPCR-4WAY
PODRAIL40	40 x 600 (25)	179471	CON-POD-SPCR-PODFIX
Plastic multi purpose beam spacers.			

Galintel® - Solid Base & Rendabar Angles - Hot Dipped Galvanized

Galintel® - Flats					
SAP Search Description.	Product Code	Length	Qty/bundle	kg/len	SAP Code
LINFL-85-8-MRS-GAL-00800	GLIN8F85	800mm	25	4.00	138288
LINFL-85-8-MRS-GAL-00900	GLIN9F85	900mm	25	4.50	138289
LINFL-85-8-MRS-GAL-01000	GLIN10F85	1.000m	25	5.00	138290
LINFL-85-8-MRS-GAL-01100	GLIN11F85	1.100m	25	5.50	138291
LINFL-85-8-MRS-GAL-01200	GLIN12F85	1.200m	25	6.00	138292

Galintel® - Angles 100X100x6mm					
SAP Search Description.	Product Code	Length	Qty/bundle	kg/len	SAP Code
LINAN-100-100-06-MRS-GAL-00900	GLIN9A100	900mm	25	8.10	
LINAN-100-100-06-MRS-GAL-01200	GLIN12A100	1.200m	25	10.70	138259
LINAN-100-100-06-MRS-GAL-01500	GLIN15A100	1.500m	25	14.25	138260
LINAN-100-100-06-MRS-GAL-01800	GLIN18A100	1.800m	25	17.10	138261
LINAN-100-100-06-MRS-GAL-02100	GLIN21A100	2.100m	25	19.95	138262
LINAN-100-100-06-MRS-GAL-02400	GLIN24A100	2.400m	25	22.80	138263
LINAN-100-100-06-MRS-GAL-02700	GLIN27A100	2.700m	25	25.65	138264

Galintel® - Angles 150X100x6mm

SAP Search Description.	Product Code	Length	Qty/bundle	kg/len	SAP Code
LINAN-150-100-6-MRS-GAL-01800	GLIN18A150	1.800m	15	21.60	144088
LINAN-150-100-6-MRS-GAL-02100	GLIN21A150	2.100m	15	25.20	138273
LINAN-150-100-6-MRS-GAL-02400	GLIN24A150	2.400m	15	28.80	138274
LINAN-150-100-6-MRS-GAL-02700	GLIN27A150	2.700m	15	32.40	138275
LINAN-150-100-6-MRS-GAL-03000	GLIN30A150	3.000m	15	36.00	138276
LINAN-150-100-6-MRS-GAL-03300	GLIN33A150	3.300m	15	39.60	138277
LINAN-150-100-6-MRS-GAL-03600	GLIN36A150	3.600m	15	43.20	138278
LINAN-150-100-6-MRS-GAL-04000	GLIN40A150	4.000m	15	48.00	138279

Galintel® - Rendabar Angle 100X100x8mm

SAP Search Description.	Product Code	Length	Qty/bundle	kg/len	SAP Code
LINAN-100-100-8-REN-GAL-00900	REN09A100	900mm	25	7.20	138266
LINAN-100-100-8-REN-GAL-01200	REN12A100	1.200m	25	9.60	138267
LINAN-100-100-8-REN-GAL-01500	REN15A100	1.500m	25	12.00	138268
LINAN-100-100-8-REN-GAL-01800	REN18A100	1.800m	25	14.40	138269
LINAN-100-100-8-REN-GAL-02100	REN21A100	2.100m	25	16.80	138270
LINAN-100-100-8-REN-GAL-02400	REN24A100	2.400m	25	19.20	138271

Galintel® - Rendabar Angle 150X100x8mm

SAP Search Description.	Product Code	Length	Qty/bundle	kg/len	SAP Code
LINAN-150-100-8-REN-GAL-02100	REN21A150	2.100m	15	20.58	138281
LINAN-150-100-8-REN-GAL-02400	REN24A150	2.400m	15	23.52	138282
LINAN-150-100-8-REN-GAL-02700	REN27A150	2.700m	15	26.46	138283
LINAN-150-100-8-REN-GAL-03000	REN30A150	3.000m	15	29.40	138284
LINAN-150-100-8-REN-GAL-03300	REN33A150	3.300m	15	32.34	138285
LINAN-150-100-8-REN-GAL-03600	REN36A150	3.600m	15	35.28	138286

* NB. All weights shown are approximate.

Galintel® is a cold rolled flat bar providing recesses for mortar.

Used in the formation of composite beams in brick veneer construction.

Galintel® is a cold rolled angle bar providing recesses and slots to facilitate rendering onto composite beams in brickwork.

Reid Construction System (Inc, Couplers, Lock Nuts, Inserts)

Reidbar			
Product Code	Bar Size	Description	SAP Code - SAP Search Description.
RB12C	12 mm	Reidbar 500MPa cut	No Known Code - 100009
RB16C	16 mm	Reidbar 500MPa cut	No Known Code - 100009
RB20C	20 mm	Reidbar 500MPa cut	No Known Code - 100009
RB25C	25 mm	Reidbar 500MPa cut	No Known Code - 100009
RB32C	32 mm	Reidbar 500MPa cut	No Known Code - 100009
500N Grade reinforcing bar which is easily joined at any point.			

Coupler Black			
Product Code	Bar Size	Description	SAP Search Description.
RBC12	12 mm	Coupler black	No Known Code - 100009
RBC16	16 mm	Coupler black	No Known Code - 100009
RBC20	20 mm	Coupler black	No Known Code - 100009
RBC25	25 mm	Coupler black	No Known Code - 100009
RBC32	32 mm	Coupler black	No Known Code - 100009

Coupler HDG			
Product Code	Bar Size	Description	SAP Search Description.
RBC12D	12 mm	Coupler HDG	No Known Code - 100009
RBC16D	16 mm	Coupler HDG	No Known Code - 100009
RBC20D	20 mm	Coupler HDG	No Known Code - 100009
RBC25D	25 mm	Coupler HDG	No Known Code - 100009
RBC32D	32 mm	Coupler HDG	No Known Code - 100009

Lock Nut Black			
Product Code	Bar Size	Description	SAP Search Description.
RBLN12	12 mm	Lock nut black	No Known Code - 100009
RBLN16	16 mm	Lock nut black	No Known Code - 100009
RBLN20	20 mm	Lock nut black	No Known Code - 100009
RBLN25	25 mm	Lock nut black	No Known Code - 100009
RBLN32	32 mm	Lock nut black	No Known Code - 100009

Nail Plate			
Product Code	Bar Size	Description	SAP Search Description.
RBNP12	12 mm	Nail Plate	No Known Code - 100009
RBNP16	16 mm	Nail Plate	No Known Code - 100009
RBNP20	20 mm	Nail Plate	No Known Code - 100009
RBNP25	25 mm	Nail Plate	No Known Code - 100009

Threaded Insert Black			
Product Code	Bar Size	Description	SAP Search Description.
RBT112	12 mm	Threaded insert black	No Known Code - 100009
RBT116	16 mm	Threaded insert black	No Known Code - 100009
RBT120	20 mm	Threaded insert black	No Known Code - 100009
RBT125	25 mm	Threaded insert black	No Known Code - 100009
RBT132	32 mm	Threaded insert black	No Known Code - 100009

Other products available on request; not shown; are BT Couplers and Lenton® Couplers.

Tie Wires - Loop Ties - Belt and Tools

Tie Wire				
SAP Search Description.	Product Code	Diameter mm	Description	SAP Number
WIRE-01.60-TIE-BLK-ANN-0001.0KG	TWA1M603	1.6	3kg coil	157336
WIRE-01.60-TIE-BLK-ANN-0005.0KG	TWA1M605	1.6	5kg coil	140464
WIRE-01.60-TIE-BLK-ANN-0010.0KG	TWA1M610	1.6	10kg coil	140466
No Known Code	AWCL1M6	1.57	50kg coil	100009
WIRE-03.15-TIE-BLK-ANN-050.00KG	AWCL3M2	3.15	50kg coil	198474
Coils of black annealed tie wire used as a steel fixing aid.				

Loop Ties				
SAP Search Description.	Product Code	Length mm	Qty per Roll	SAP Number
CON-LT-BLK-1.6-110	LT110	110	2000	150727
CON-LT-BLK-1.6-125	LT125	125	2000	110561
CON-LT-BLK-1.6-150	LT150	150	2000	137479
CON-LT-BLK-1.6-200	LT200	200	2000	176227
CON-LT-BLK-1.6-110-QTY0200	LTHP110	110	200	176225

Loop Ties				
SAP Search Description.	Product Code	Length mm	Qty per Roll	SAP Number
CON-LT-BLK-1.6-125-QTY200	LTHP125	125	200	176226
CON-LT-BLK-1.6-150-QTY200	LTHP150	150	200	179468
CON-LT-GAL-1.57-110	LTG110	110	2000	157883
CON-LT-GAL-1.57-125	LTG125	125	2000	176228
CON-LT-GAL-1.57-150	LTG150	150	2000	169632
CON-LT-GAL-1.57-200	LTG200	200	2000	176229
Tie wires with loops used as a steel fixing aid.				

Reel, Belt & Tools			
SAP Search Description.	Product Code	Description	SAP Number
CON-MISC-BELT-PACK-HOLDER	IDLREEL	Aluminium reel for tie wire.	188620
CON-TIE-IDL-BELT-NLN	IDLNYBELT	Wide nylon belt & buckle for reel.	176250
CON-TIE-IDL-BELT-LTR	IDLBELT	Leather belt for reel.	176249
No Known Code	IDLCOILA14	1.40mm black tie wire coil for reel.	100009
No Known Code	IDLCOILA	1.57mm black tie wire coil for reel.	100009
No Known Code	IDLCOILG	1.57mm Galv tie wire coil for reel.	100009
GEN-WIRE-TIE-CYCLONE-TOOL	TWSTLN	Twisting tool with long handle.	153683
GEN-MISC-NIPP-EC-200	NIPP8	Knippex Nippers 200mm.	176928
No Known Code	NIPP200	Crescent end cutters 200mm.	100009
Tools used in steel fixing may change or be deleted over time. Please check..			

Fencing, Mesh & Gates

Fencing Fittings and Post Caps

Round Post Caps (Galvabond)			
Code	Pipe (NB)	Cartons	Mass
K20GB	20	300	8.4
K25GB	25	150	6.0
K32GB	32	100	8.0
K40GB	40	80	5.6
K50GB	50	50	5.0
K65GB	65	30	6.0
K80GB	80	40	9.0
K90GB	90	20	5.0
K100GB	100	20	6.5
K125GB	125	20	7.5
K150GB	150	10	4.0

Square Tube Caps - Domed (Galvabond)			
Code	Tube	Cartons	Mass
K25MSGB	25x25	300	5.4
K35MSGB	25x25	150	5.0
K40MSGB	40x40	150	5.4
K50MSGB	50x50	100	5.3
K60MSGB	60x60	50	4.0
K65MSGB	65x65	50	3.9
K75MSGB	75x75	60	7.0
K90MSGB	90x90	20	3.5
K100MSGB	100x100	30	7.0
K150MSGB	150x150	20	8.0

Round Tube Caps (Polypropylene) Black			
Code	OD Tube	Cartons	Mass
PC16BL	16x1.2-1.6	1000	1.23
PC19BL	19x1.2-1.6	1000	2.09
PC22BL	22x1.2-1.6	1000	3.00
PC25BL	28x1.2-1.6	500	1.70
PC28BL	28x1.2-1.6	500	1.66
PC32BL	32x1.2-1.6	1000	3.20
PC50BI	50x1.2-1.6	200	2.10

Square Tube Caps (Polypropylene) Black			
Code	Tube	Cartons	Mass
PC1212BL	12x12-1.6	1000	1.00
PC1919BL	19x19-1.6	500	1.20
PC2525BL	25x25-1.6	500	1.98
PC3030BL	30x30-1.6	300	1.45
PC3535BL	35x35-2.6	200	1.40
PC3825BL	38x25-1.6	200	1.10
PC4040BL	40x40-1.6	200	1.43
PC5025BL	50x25-1.6	200	1.90
PC5050BL	50x50-2.0	100	2.56
PC5735BL	57x38-1.6	100	1.32
PC6438BL	64x38-2.0	50	1.00
PC6535BL	65x35-2.0	250	3.00
PC7550BL	75x50-2.0	No set	N/A
PC10050BL	100x50-2.0	100	2.73
PC15050BL	150x50-2.0	50	3.15

Fixed Tees (Galvanized)			
Code	Thru-Butt	Cartons	Mass
T1515	15-15	150	12.0
T2020	20-20	100	15.0
T2025	20-25	80	17.0
T2525	25-25	50	11.3
T2532	25-32	40	14.0
T2540	25-40	30	15.0
T3225	32-25	40	14.0
T3232	32-32	40	16.0
T3240	32-40	20	11.0
T3250	32-50	20	16.0
T4025	40-25	40	15.0
T4032	40-32	30	14.3
T4040	40-40	20	11.0
T4050	40-50	10	9.0
T5025	50-25	30	12.8

Continued on next page...

Fixed Tees (Galvanized)			
Code	Thru-Butt	Cartons	Mass
T5032	50-32	30	16.0
T5040	50-40	20	16.0
T5050	50-50	10	9.5
T6550	65-50	10	12.0
T8025	80-25	10	6.0
T8032	80-32	10	9.5
T8040	80-40	10	10.5
T8050	80-50	10	13.0

Fixed Corners (Galvanized)			
Code	Butt-Thru	Cartons	Mass
C2020	20-20	40	14.0
C2525	25-25	30	12.0
C2532	25-32	20	12.7
C2540	25-40	20	10.7
C3232	32-32	20	12.0
C3240	32-40	10	8.0
C3250	32-50	10	11.0
C4040	40-40	10	10.0
C4050	40-50	10	11.0
C5050	50-50	5	9.0

Fixed Crosses (Galvanized)			
Code	Butt-Thru	Cartons	Mass
X2020	20-20	50	13.0
X2525	25-25	30	12.0
X2532	25-32	20	12.7
X2540	25-40	30	16.0
X2550	25-50	20	12.0
X3232	32-32	20	13.5
X3240	32-40	20	11.5
X3250	32-50	10	9.5
X4040	40-40	20	14.0
X4050	40-50	10	5.5
X5050	50-50	10	9.0
X5065	50-65	10	10.5




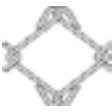
Universal Rail Clamps (Galvanized)			
Code	Butt	Cartons	Mass
UFFB25	25	40	14
UFFB32	32	30	12
UFFB40	40	30	14
UFFB50	50	20	11

Universal Post Clamps (Galvanized)			
Code	Butt	Cartons	Mass
UFFT25	25	50	9
UFFT32	32	40	9
UFFT40	40	40	9
UFFT50	50	40	10
UFFT65	65	30	9
UFFT80	80	20	7
UFFT100	100	20	9


Universal Connector (Galvanized)			
Code	Butt	Cartons	Mass
UFFMPC		100	5

Gate Catches		
Code	Description	carton mass kg
CAC6	Two way catch	20 = 12
CAC28	D Latch	50 = 11
BTS28	Striker	50 = 3.5
B13L	Drop Bolt	30 = 13.5
G22	Short Plate Gudgeon	50 = 14
S2	Pipe Hinge Strap	50 = 7.5

Chainwire Fence Options

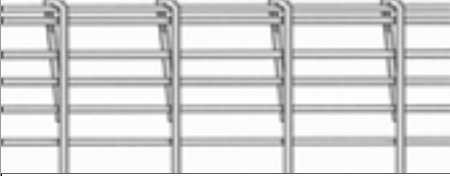
Chain wire (Also referred to as Chainlink)			
Diamond x Wire Size	Height mm	Roll Length m	Mass kg/roll
50 x 2.5 Standard Galvanized Knuckle/Knuckle  Knuckle/Barb 	600	20	19
	900	20	28
	1200	20	38
	1350	20	
	1500	20	46
	1800	20	55
	2000	10	31
	2100	10	33
	2400	10	38
	3000	10	46
3600	10	56	
50 x 3.15 Heavy Galvanized 	900	15	36
	1200	15	48
	1800	15	71
	2400	10	96
	3000	10	119
	3600	10	142
60 x 2.5 Standard Galvanized 	600	20	16
	750	20	20
	900	20	24
	1050	20	28
	1200	20	32
	1350	20	36
	1500	20	40
	1800	20	48
Normally supplied in Knuckle/Knuckle finish only.			


Continued on next page...

Chain wire (Also referred to as Chainlink)			
Diamond x Wire Size	Height mm	Roll Length m	Mass kg/roll
50 x 2.5 PVC Coated Barb/Barb 	750	15	21
	900	15	25
	1200	15	33
	1500	15	42
	1800	15	50
	2000	10	37
	2100	10	39
	2400	10	44
	2500	10	46
	3000	10	55
60 x 2.5 PVC Coated	900	20	28
	1200	20	36
	1800	20	55
PVC Colours are Black or Green			

Details sourced from a number of suppliers and correct at time of printing.

Domestic Fence Panel Options

Domestic Fence Panel Options (Acacia & Banksia or similar panels shown)	
Roll Top & Bottom Fence Panels Spacing 50 x 75mm.	Size Range Fence Panels.
	2400 x 900
	2400 x 1200
	2400 x 1800
	3000 x 1200*
Alternate names may be Acacia/Classic or Arufura.	Typical Finish Galvanized
* Indicates Arufura supply option.	Optional Finish Powder Coated

Domestic Fence Panel Options (Acacia & Banksia or similar panels shown)	
	Size Range Fence Panels
	2400 x 900
	2400 x 1200
	2400 x 1800
	3000 x 880#
	3000 x 1180#
3000 x 1480#	
Alternate names may be Banksia or Barra.	Typical Finish Galvanized
# Indicates Barra supply option.	Optional Finish Powder Coated





These wire fence panels are rolled over top and bottom. The fence panels shown may differ in each state. Swimming pool regulations vary greatly between states and the home owner should check with their local council before installing any style of fence panel so that it is compliant.

Corresponding gates are available to match the fence panels and longer than normal lead times may apply.


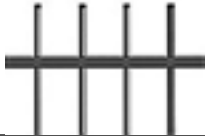
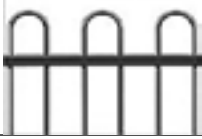

These wire fence panels are also available in a powder coated finish. Please check as colours may differ between suppliers.

Please see fixing suggestions above. Gate hardware may also vary upon each application and regulation. Please check with your council.

Alternate Decorative Fencing Options

Alternative Decorative Aluminium Pool Fencing Options		
Eden	Byron™	Keppel®
		
Flat Top - 2400mm Long	Rod Top - 2400mm Long.	Loop Top - 2400mm Long.
Heights:- 900, 1200, 1500, 1800mm	Heights:- 1200 - 1500mm	Heights:- 900, 1200, 1500, 1800mm
Vertical Bars:- 16mm or 19mm O.D.	Vertical Bars:- 16mm or 19mm O.D.	Vertical Bars:- 16mm or 19mm O.D.
Pool compliant. 1200mm High*	Pool compliant. 1200mm High*	Pool compliant. 1200mm High*
Similar style gates are also available. Please check. Most swimming pool barrier codes require gates to be self closing and self latching. A magna latch; as shown; may be a statutory or compulsive requirement.		
* Regulatory requirements may differ between state. Please check with your local council.		

Alternative Decorative Steel Fencing Options

Sturt®	Bass®	Lassiter®
		
Flat Top - 2400mm Long.	Rod Top - 2400mm Long.	Loop Top - 2400mm Long
Heights:- 900, 1200, 1500, 1800mm	Heights:- 900, 1200, 1500, 1800mm	Heights:- 900, 1200, 1500, 1800mm
Vertical Bars:- 16mm or 19mm O.D.	Vertical Bars:- 16mm or 19mm O.D.	Vertical Bars:- 16mm or 19mm O.D.
Pool compliant. 1200mm High*	Pool compliant. 1200mm High*	Pool compliant. 1200mm High*
<p>Similar style gates are also available. Please check. While the ARC Fences range has been shown, some other manufacturers may have a similar panel but under another name. Sizes may vary between states. A typical fixing method is by using an "L" bracket or a tube bracket as shown.</p>		

LYSAGHT® MANDALAY® fencing

LYSAGHT® MANDALAY® Slat Style Fencing

The slat style of the MANDALAY® fence allows breeze and natural light flow, while contributing to the privacy and look of your home. With a modern and stylish look, it can be installed as a standalone fence or combined as an infill to brick or rendered concrete posts.



Available in a range of COLORBOND® steel colours.

More durable than timber alternatives, 100% termite & rot resistant.

More cost effective than powder-coated aluminium options.

Provides privacy and timeless elegance to your home.

Available in 1200mm, 1500mm, 1800mm panel heights.

Panel width – 2350mm. Matching gate kits available.

Security Fencing Options

The most popular option is the straight top security fence with three rows of barbed wires laced onto the top.

The design consists of a corner post (80NB), braced and intermediate straight posts of 40NB, all in galvanized finish.

The intermediate posts may be crimped in three place at the top to accommodate the tying on of the barbed wires.

Intermediate posts are placed at 2.400 metre spacing's which allow for an optional pipe top rail. Some outlets will carry galvanized pipes in 7.200m lengths, leaving no wastage. For very large installations, it may be necessary to order special length galvanized pipes from the pipe mill to reduce or eliminate any waste.

The chainwire used is 1.800m which and may have either knuckle/knuckle top and bottom or knuckle at the bottom and barb at the top.



A further option is to have the chainwire supplied with barb/barb both top and bottom.



A stainer wire; doubled and twisted taut; may be used top and bottom and smaller tie wires to lace the chainwire to the intermediate posts and corner stainer posts. For some very high security areas, the security fence may be topped with a razor wire.

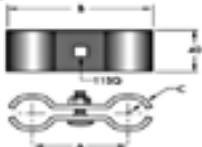

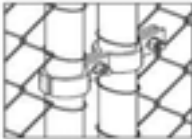
Suggested requirements for a Security Chainwire Fence				
Posts	Caps	Tees	Barbed Wire	Adj Corners
Total length of fence divided by 2.400m	Total number of posts.	Optional Total number of posts.	Total length of fence multiplied by 3.	Total number of corner posts x 2.
Bracing	Chainwire	Stainer wire	Tie Wire	Post mix
Total number of corner posts x 2.	Total length of fence divided by 20m.	Total length of fence time two.	Total length of fence time four.	Total number of posts 1.5 bags/post

Prefabricated Security Fencing Options

Diplomat® /Vanguard® /Garrison®	Ambassador™
	
Through rail - Galvanized steel - Crimped and spear tops. Horizontal Rails 40 x 40 x 1.6 mm Vertical Pickets 25 x 25 x 1.2 mm Panels - 1800, 2100 or 2400mm high Spacing 140mm Centres	Through rail - Galvanized steel - Square tops & plugs. Horizontal Rails 40 x 40 x 1.6 mm Vertical Pickets 25 x 25 x 1.2 mm Panels - 1800, 2100 or 2400mm high Spacing 140mm Centres
Uses. Schools Businesses Railways Stations	Uses. Schools Businesses Railways Stations
The names shown in the blue cells are Trademarks of ARC Fences. All details are correct at the time of printing but details may change without prior notice. All details are courtesy of ARC Fences. Other suppliers may use other names, materials and finish. Please check in your state.	

Temporary Security Fencing Options

There are many variations of a temporary fence. Some are listed below. Temporary fencing to secure construction sites and private property. Temporary fencing for residential housing sites. Temporary fencing and crowd control barriers for major public events. These fence panel can be joined with a TFC (Temporary Fence Clamps) for a number of size pipes.

Temporary Fence Clamps			Temporary Fence Clamp Hinge		
Code	Pipe (NB)	Qty/Carton	Code	Pipe (NB)	Qty/Carton
TFCN2525	25 x 25	50	THC4025	40 x 25	20
TFCN3232	32 x 32	20	THC4040	40 x 40	10
TFCN4040	40 x 40	20	THC5050	50 x 50	10
TFCN5050	50 x 50	20			
					

Fencing Wires & Joiners

Plain Fence Wires - Standard Galvanized and Wire Joiners				
Wire Diameter	Length m	Mass/ Roll & Bundle Qty.	Tensile	Tension kn
4.00	500	49kg - 10	Soft	1.8
3.15	750	47kg - 10	Soft	1.2
2.50	1500	58kg - 10	Soft	1.0
2.50	1500	58kg - 10	Medium	1.3
2.50	1500	58kg - 10	High	1.8
2.80	1000	48kg - 10	High	2.0
2.00	2000	52kg - 10	Soft	1.0
*5.20	400	43kg - 5	White PVC	1.8

* 5.20 White PVC Coated wire is referred to as Horse Sighter Wire.

Wire Joiners.			
Code	Description.	Bag Qty	Box Qty
J21	Medium 2.00 - 3.25mm	100	500.0
J22	Large 3.25 - 4.20mm	50	250.0

Joiners are reusable, corrosion resistant, high tensile steel locking mechanism.
Wire details courtesy of AWP. Joiners courtesy of Lightning Fencing products

Steel Wire Fence Droppers

Steel Wire Fence Droppers - Heavily Drawn Galvanized 4.0mm Spring Wire			
Code & Overall Length cm.	Spacings from Bottom in cms.	No. of Line Wires and Colour Code	Mass per bundle - 25 Droppers.
FD360 - 60	30 - 30	3 Yellow	2.5kg
FD361 - 61	28 - 33	3 Red	2.5kg
FD476 - 76	27 - 26 - 23	4 Brown	3.2kg
FD478 - 78	26 - 26 - 26	4 Black	3.2kg
FD490 - 90	30 - 30 - 30	4 Lt. Brown	3.5kg
FD491 - 91	30 - 28 - 33	5 Teal	3.6kg
FD576 - 76	15 - 18 - 20 - 23	6 Burgundy	3.4kg
FD691 - 91	15 - 15 - 18 - 20 - 23	6 Olive	4.0kg
FD693 - 93	15 - 15 - 18 - 20 - 25	6 Gold	4.0kg

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Steel Wire Fence Droppers - Heavily Drawn Galvanized 4.0mm Spring Wire

Code & Overall Length cm.	Spacings from Bottom in cms.	No. of Line Wires and Colour Code	Mass per bundle - 25 Droppers.
FD7104-104	13 - 15 - 15 - 18 - 20 - 23	7 Orange	4.5kg
FD7106-106	13 - 15 - 15 - 18 - 20 - 25	7 Lt. Green	4.5kg
FD8100-100	13-13-13-15-15-18	8 Pink	4.6kg
FD8107-107	13.5-15-15-12-16-20-15.5	8 Green	4.8kg
FD8114-114	10-13-15-15-18-20-23	8 Violet	5.0kg
FD996 - 96	10-10-10-10-13-13-15-15	9 Lt. Blue*	4.9kg

* Measured to the nearest 0.5 cm.
Details courtesy of :- Lightning Fence Droppers

Barbed Wires

Barbed Wires - Heavy or Standard Galvanized. (May be imported)

Size. mm	Length m	Mass kg/roll	Galv Coating	Rolls/ Pallet
High Tensile Barbed Wire.				
1.57	500	24	Heavy	48
1.80	500	30	Heavy	36
Iowa Barbed Wire.				
2.50	400	47	Standard	27

Barbed Wire & Fence Post details courtesy of AWP.

Steel Fence Posts

(Standard Hole Spacings to meet Australian requirements)

Steel Fence Posts - Black or Galvanized. (May be imported)

Size cm	Finish Black	Finish Galvanized	Bundle Quantity	Mass per bundle t
45	Light Black	-	400	-
60	Light Black	-	400	-
90	Light Black	-	400	-
135*	Light Black	H.D. Gal	400	1.10
150*	Light Black	H.D. Gal	400	1.22
165*	Light Black	H.D. Gal	400	1.35
180*	Light Black	H.D. Gal	400	1.48
210*	Light Black	H.D. Gal	400	1.72
240*	Light Black	H.D. Gal	200	0.98

* Also available as Heavy posts. H.D. Gal are also heavy posts.

Hexagonal Wire Netting

Hexagonal Wire Netting								
Mesh Code	Height of Mesh cm	Wire Dia mm	Mesh Size mm	Roll Length m	Galv Coating	kg per kg	Rolls per pallet	Some Uses
30 / 4 / 1.4	30	1.4	40	100	Heavy	28	18	Stucco Netting.
60 / 4 / 1.4	60	1.4	40	100	Heavy	54	9	Stucco Netting.
90 / 4 / 1.4	90	1.4	40	50	Heavy	40	9	Chicken Runs.
90 / 4 / 1.4	90	1.4	40	100	Heavy	81	9	Rabbit Proofing.
105 / 4 / 1.4	105	1.4	40	50	Heavy	47	16	Poultry Netting.
105 / 4 / 1.4	105	1.4	40	100	Heavy	93	16	Poultry Netting.
120 / 4 / 1.4	120	1.4	40	50	Heavy	50	16	Gabion Boxes.
180 / 4 / 1.4	180	1.4	40	50	Heavy	73	7	Light Fencing.
90 / 5 / 1.0	90	1.0	50	50	Standard	14	25	Chicken Runs.
120 / 5 / 1.0	120	1.0	50	50	Standard	18	25	Chicken Runs.
180 / 5 / 1.0	180	1.0	50	50	Standard	28	25	Trellises.

Tip:- To read netting 30 / 4 / 1.4 = 30cm fence height; 4cm mesh spacing; 1.4mm wire diameter
Reverse twist knot. Double selvedge wires.
Gabion Boxes are a suggested use.

Hinged Joint Fencing

Hinged Joint Fencing - Standard Galv - 2.80mm Top/Bottom Wires						
Code of Product	Height cm	Length m	Line Spacing	Common name	Mass/ roll - kgs	Roll/ Pallet
6 / 70 / 30	70	200	Graduated	Sheep & Lamb	80	9
6 / 90 / 30	90	200	Graduated	All Stock	84	9
7 / 90 / 30	90	200	Graduated	All Stock	94	9
8 / 90 / 30	90	200	Graduated	All Stock	102	9
8 / 90 / 15	90	100	Graduated	Mature Sheep	71	9

Standard Hinged Joint Fencing - 2.50mm All Wires.

Code of Product	Height cm	Length m	Line Spacing	Common name	Mass/ roll - kgs	Roll/ Pallet
6 /70 / 30	70	250	Graduated	Mature Sheep	70	9
6 / 90 / 30	90	200	Graduated	Cattle	74	9
7 / 90 / 30	90	250	Graduated	All Stock	92	9
8 / 90 / 30	90	200	Graduated	Boundary	102	9
8 / 80 / 15	80	100	Graduated	Intensive Grazing	60	9
8 / 90 / 15	90	100	Graduated	Intensive Grazing	61	9
8 / 115 / 15	115	100	Graduated	Intensive Grazing	73	9
11 / 142 / 15	142	100	Graduated	Intensive Grazing	94	9

Lite Hinged Joint Fencing Standard Galv - 2.00mm All Wires.

Code of Product	Height cm	Length m	Line Spacing	Common name	Mass/ roll - kgs	Roll/ Pallet
8 / 90 / 15	90	50	Graduated	Boundary	21	9
8 / 90 / 15	90	100	Graduated	Boundary	41	9
8 / 115 / 15	115	50	Graduated	Boundary	23	9
8 / 115 / 15	115	100	Graduated	Boundary	45	9

Tip:- To read the products above eg. 8 / 115 / 15

8 = Number of horizontal wires / 115 = Height of roll in cm / 15 = vertical wire spacing in cm.

Hinged Joint Fencing is sometimes referred to as Acreage Fencing.

5 Bar Gates - Centre Brace

Galvanized 5 Bar Gates

Size Opening	Actual Gate Size	Centre or "I" Stay Brace	Materials		Mass kg/Gate
			Bow	Infill	
8'0"	2370	1 Brace	25NB Pipe	25NB Pipe	25
10'0"	2970	1 Brace	25NB Pipe	25NB Pipe	29
12'0"	3570	1 Brace	25NB Pipe	25NB Pipe	34
14'0"	4170	2 Braces	25NB Pipe	25NB Pipe	41
16'0"	4830	2 Braces	25NB Pipe	25NB Pipe	44

Data courtesy of AWP.

Mesh Gates - "I" Stay Brace

Galvanized Mesh Gates					
Size Opening	Actual Gate Size	Centre or "I" Stay Brace	Materials		Mass kg/Gate
			Bow	Infill Mesh	
2'8"	770	No	25NB Pipe	200 x 100 x 5.0	8
4'0"	1180	No	25NB Pipe	200 x 100 x 5.0	10
5'0"	1500	No	25NB Pipe	200 x 100 x 5.0	13
6'0"	1800	No	25NB Pipe	200 x 100 x 5.0	14
7'0"	2100	No	25NB Pipe	200 x 100 x 5.0	16
8'0"	2380	1 Brace	25NB Pipe	200 x 100 x 5.0	20
10'0"	2980	1 Brace	25NB Pipe	200 x 100 x 5.0	22
12'0"	3580	1 Brace	25NB Pipe	200 x 100 x 5.0	26
14'0"	4180	2 Braces	25NB Pipe	200 x 100 x 5.0	31
16'0"	4780	2 Braces	25NB Pipe	200 x 100 x 5.0	36

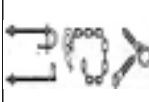




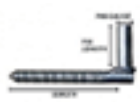
Mesh Gate - "N" Stay Brace

"N" Stay Gates					
Size Opening	Actual Gate Size	"N" Stay Brace	Materials		Mass kg/Gate
			Bow & Stay	Infill	
10'0"	2980	Yes	25NB Pipe	Gal Mesh	26
12'0"	3580	Yes	25NB Pipe	Gal Mesh	29
14'0"	4180	Yes	25NB Pipe	Gal Mesh	33
16'0"	4780	Yes	25NB Pipe	Gal Mesh	37

All standard gates are manufactured 1170mm high and smaller than opening size to allow swinging room.

Gate Fittings

Not all shown

Some Gate Fittings					
EG1-Gate Kit	Gate Bows	Gate/Post Hinges	Gate Catches	Farm Gate Packs	Gudgeon
					

General Purpose Galvanized Meshes

Easy Sheets						
Size of mesh	Product Code.	Sheet Size m x m	Mass kg/sheet	Uses.		
25 x 25 x 2.50	ES - WM - "size"	2.0 m x 1.2 m	7.584	Weldmesh™ sheets (Easy Sheets) were designed especially for the DIY projects and the handy people in mind. The sheets are of convenient sizes, making it easy to carry in a trailer, utility or station wagon. Do It Yourself projects around the house may include a stylish wine racks, a sturdy bird cages or a dog barriers. Ideal for use in the garden.		
50 x 25 x 3.15		2.0 m x 1.2 m	7.200			
50 x 50 x 3.15		2.0 m x 1.2 m	5.250			
50 x 50 x 4.00		2.0 m x 1.2 m	10.000			
75 x 50 x 4.00		2.0 m x 1.2 m	8.000			
100 x 100 x 4.00		2.0 m x 1.2 m	6.400			
100 x 100 x 5.00		2.0 m x 1.2 m	6.600			

Some weights may be an approximate only. * All mesh details courtesy of:- ARC

General Purpose Weldmesh™ Sheets						
Size of mesh	Product Code.	Sheet Size m x m	Mass kg/sheet	Long wires mm @ mm	Cross wires mm	Standard Unit
25 x 25 x 2.5	WM/WG2A11	3.0 m x 2.4 m	23	2.5 @ 25	2.5 @ 25	Sheet
25 x 25 x 3.15	WM/WG311	3.0 m x 2.4 m	36	3.15 @ 25	3.15 @ 25	Sheet
50 x 25 x 3.15	WM/WG312	3.0 m x 2.4 m	27	3.15 @ 25	3.15 @ 50	Sheet
50 x 50 x 3.15	WM/WG322	3.0 m x 2.4 m	26	3.15 @ 50	3.15 @ 50	Sheet
50 x 50 x 4.0	WM/WG422	3.0 m x 2.4 m	29	4.0 @ 50	4.0 @ 50	Sheet
75 x 50 x 4.0	WM/WG423	3.0 m x 2.4 m	24	4.0 @ 50	4.0 @ 75	Sheet
50 x 50 x 5.0	WM/WG522	3.0 m x 2.4 m	32	5.0 @ 50	5.0 @ 50	Sheet
75 x 50 x 5.0	WM/WG523	3.0 m x 2.4 m	29	5.0 @ 50	5.0 @ 75	Sheet
100 x 100 x 5.0	WM/WG544	3.0 m x 2.4 m	27	5.0 @ 100	5.0 @ 100	Sheet
100 x 100 x 5.6	WM/WG5A44	3.0 m x 2.4 m	29	5.6 @ 100	5.6 @ 100	Sheet
150 x 100 x 5.6	WM/WG5A46	3.0 m x 2.4 m	25	5.6 @ 100	5.6 @ 150	Sheet

Galvanized sheets for industrial applications. SAP look up code "WM".

Some weights may be an approximate only.

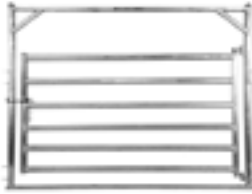
Some Mesh sizes may also be available from a supplier in a bright finish. Please check.

Stock Rail - W-Strap - Truck side

Stock Rail - "W" Strap - Truck side						
Size Imperial	Size metric	Thickness mm	Overall Dimension	Straight Edge	m/tonne	Mass kg/m
7"	180	1.5	180 x 1.5	Blk/Gal	435	2.30
9"	230	1.5	230 x 1.5	Blk/Gal	346	2.89
11"	280	1.5	280 x 1.5	Blk/Gal	287	3.48
Also known as Hungry Board.						
Size Imperial	Size metric	Thickness mm	Overall Dimension	Single Rolled Edge	m/tonne	Mass kg/m
7"	180	1.5	180 x 1.5	Blk/Gal	395	2.53
9"	230	1.5	230 x 1.5	Blk/Gal	314	3.18
11"	280	1.5	280 x 1.5	Blk/Gal	261	3.83
May be used to increase carrying capacity of light weight produce. Eg - Cotton.						
Size Imperial	Size metric	Thickness mm	Overall Dimension	Double Rolled Edge	m/tonne	Mass kg/m
7"	180	1.5	180 x 1.5	Blk/Gal	377	2.65
9"	230	1.5	230 x 1.5	Blk/Gal	314	3.18
11"	280	1.5	280 x 1.5	Blk/Gal	261	3.83
Material "W" Strap is normally available as 25/bundle.						

Cattle Handling Components

Cattle Management Accessories



Gate-in-Frame.

Re-locatable as required and easy to assemble.

Light Duty Gate-in-Frame

Frames 40x40 RHS.

Rails 40x40 RHS.

Premier® Gate-in-Frame

Frames 40x40 RHS.

Rails 53x35 Oval Section.

Cattle King® Gate-in-Frame

Frames 50x50 RHS

Rails 115x42 Oval Section.

Manufactured from high strength steel

Lightweight for easy handling

Easy to assemble

Simple interlocking pin system

Compatible with all yards

Continued on next page...



Race bow.

Galvanized Pipe Construction.

Light Duty Race Bow

Frames 40x40 RHS.

Rails 40x40 RHS.

Premier® Race Bow

Frames 40x40 RHS.

Rails 53x35 Oval Section.

Cattle King® Race Bow

Frames 50x50 RHS

Rails 115x42 Oval Section.

Re-locatable as required

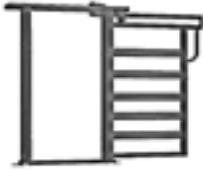
One man handling

Simple interlocking pin system

Compatible with all yards

Lightweight for easy handling

Easy to assemble



Slide gates.

Re-locatable as required and easy to assemble.

Light Duty Slide Gate

Frames 40x40 RHS.

Rails 40x40 RHS.

Premier® Slide Gate

Frames 40x40 RHS.

Rails 53x35 Oval Section.

Cattle King® Slide Gate

Frames 50x50 RHS

Rails 115x42 Oval Section.

Cattle King® has only 5 rails

Manufactured from high strength steel

Galvanized steel construction.

Lightweight for easy handling

Manway Gates.

Manufactured from high strength steel.

Light Duty Manway gate

Frames 40x40 RHS.

Rails 40x40 RHS.

Premier® Manway Gate

Frames 40x40 RHS.

Rails 53x35 Oval Section.

Cattle King® Manway Gate

Frames 50x50 RHS

Rails 115x42 Oval Section.

Cattle King® has only 5 rails

Easy to assemble

Galvanized steel construction.

Simple interlocking pin system

Manufactured from high strength steel



Calf Race Bows & Calf Slide Gates.

Re-locatable as required and easy to assemble.

Calf Race Bow

Frames 40x40 RHS.

Rails 40x40 RHS.

Calf Slide Gate

Frames 40x40 RHS.

Rails Various steel products.

Manufactured from high strength steel

These products may have to be sourced from a fabricator.

Designs may vary between states. Please check

Details of products used in construction may also vary.

Please check.

Pins.

Standard design across all components.

Pins used in construction of cattle runs

Standard pin - 16ø 60 x 275mm

With protective zinc coating.

Stockable item at all locations.

Cattle Panels, Yard Benefits & Layouts

Cattle Panels							
Cattle Panel.	Sizes.	Stiles Height 1.800 m	Number of Rails	Rails Sizes Pipe or Oval	Caps	Feet	Joining Lugs.
LIGHT DUTY Panels	2.100 m	40x40x RHS	6	40x40x RHS	K40MSGB	K40MSGB	Flat Lugs
	Best for horses. Our most popular cost effective panel. Ideal for both Cattle or Horses (Gymkhanas)						
	As with most other panels, these are capped both top and bottom.						
	Look for special pricing on these popular panels.						
STOCKMASTER® Panels	2.250 m	32 NB Gal	6	32 NB Gal	K32GB	K32GB	Flat Lugs
	2.500 m	32 NB Gal	6	32 NB Gal	K32GB	K32GB	Flat Lugs
	A very popular universal panels. 6 bar 32nb pipe, 2.25m x 1.8m and 3.37m x 1.8m.						
	3.370 m*	32 NB Gal	6	32 NB Gal	K32GB	K32GB	Flat Lugs
	* Not always available as a stocked item.						
STUDMASTER® Panels	2.250 m	50 NB Gal	6	50 NB Gal	K50GB	K50GB	Flat Lugs
	2.500 m	50 NB Gal	6	50 NB Gal	K50GB	K50GB	Flat Lugs
	A long lasting sturdy panels, suit harsh conditions. 6 bar 50nb pipe, 2.25m x 1.8m, 2.5m x 1.8m and 3.37m x 1.8m						
	3.370 m*	50 NB Gal	6	50 NB Gal	K50GB	K50GB	Flat Lugs
	* Not always available as a stocked item.						
PREMIER® Panels	2.100 m	40x40x RHS	6	53x35 RHS	K40MSGB	K40MSGB	Flat Lugs
	For protection from bruising, this panel utilizes all the benefits of an oval rail and rounded edges						
	One of our most popular range of panels. Cost effective and easy to transport and erect anywhere.						
CATTLE KING® Panels	2.250 m	50x50 RHS	5	115 x 42	K50GB	K50GB	Flat Lugs
	2.500 m	50x50 RHS	5	115 x 42	K50GB	K50GB	Flat Lugs
	Our top of the range panel. Withstand great pressure in forcing yards.						
	3.100 m*	50x50 RHS	5	115 x 42	K50GB	K50GB	Flat Lugs
	* Not always available as a stocked item.						

For items marked * please check your local outlet for any alternative options.

All details correct at time of printing.

Continued on next page...

Yard Designs and Benefits.

Designed with assistance from NSW Agriculture and QLD DPI.

Built strong for safety to stock and handlers

- takes advantage of natural instincts.

Proven over time to last in Australia's harsh rural conditions

- heavy duty quality pipe.

Manufactured to exact standards

- reduced treatment and drafting times.

Minimises bruising and injury

- no extruding posts.
- ease of operation.

Can be expanded or layout changed anytime

- extra high safety panels.

Designed with the experience of commercial reality

- easy to erect.

Yard Layout Designs.

- 15C: Is 72.7 square metres. 15 head (20 head holding)
- 20C: Is 94 square metres. 20 head (40 head holding)
- 35C: Is 143 square metres. 35 head (80 head holding)
- 55C: Is 158 square metres. 55 head (100 head holding)
- 65C: Is 158.3 square metres. 65 head (100 head holding)
- 75C: Is 158 square metres. 75 head (120 head holding)
- 85C: Is 196.4 square metres. 85 head (125 head holding)
- 100C: Is 239 square metres. 100 head (160 head holding)
- 165C: Is 396.8 square metres. 165 head (280 head holding)
- 450C: Is 1025 square metres. 450 head (650 head holding)
- 800C: Is 1700 square metres. 800 head (1110 head holding)
- 30S: Is 89 square metres. 30 head (50 head holding)
- 90S: Is 210 square metres. 90 head (140 head holding)
- 150S: Is 355 square metres. 150 head (250 head holding)

More designs available, we can design to suit your needs.

Metalcorp Steel Calf Equipment/Load Ramps



Calf Cradle.

Table Top/Roll over calf cradle.

Adjustable flank bar.

Reversible for near side and offside operation/branding.

Baulk Gate included.

SAP Look up details.

GEN-CATTLE-CALF-CRADLE-PTD

Stocks at Toowoomba & Emerald.

SAP No. 185771



Calf Race.

2 Section Galv Calf Race.

2 x hinged divider gates.

Front stopping gate.

1 x fixed section.

1 x portable section for transport.

SAP Look up details.

GEN-CATTLE-RACE-SECTION-CALF-1300-2450

Stocks at Toowoomba & Emerald.

SAP No. 203332



Advantages of a Knock Down Loading Ramp.

Two man Operation.

Standard Features:-

- 5 simple removable components.
- Easy 2 person assembly.
- Sheeted sides to prevent leg capture.
- H/Duty Galv Pins for locking.
- Hardwood Timber Floor.
- Designed to suit all cattle yards.
- Savings on freight.

194830 - GEN-CATTLE-RAMP-KNOCK-DOWN-GAL-3000

Continued on next page...



Deluxe Loading Ramp

The Deluxe ramp is a 4.70 metre fixed height ramp with a hardwood floor, a 1.3 metre flat load section walkway with handrail and side access/block off gate.

Made in a unique pin-together style for ease of assembly and freight reducing purposes.

Full length walkway with handrail - Hardwood floor with steel treads - Side access gate.

Basic dimensions:- Length 6000mm, Height 3300mm External width 800mm

SAP Look up details:-

GEN-CATTLE-LOAD-RAMP-DELUXE-GAL

SAP No. 194831



Adjustable Loading Ramp.

A 3.6 metre height adjustable ramp with a hardwood floor.

Sheeted sides to 500mm - Clever use of Cattle Rail sides.

Adjustable for truck or trailer.

Length 3600mm, Height 3330mm, Base width 820mm.

SAP Look up details:- GEN-CATTLE-RAMP-ADJ-GAL-3600

SAP No. 183854



Standard Loading Ramp.

This ramp is a 3 metre fixed height ramp with a steel floor; designed for smaller yard systems or basic loading and un-loading from truck height.

Special features include a hardwood floor.

Sheeted sides to 500mm, top section uses cattle rail.

Basic dimensions:- Length 2770mm, Height 3250mm, External base 800mm.

SAP Look up details:- GEN-CATTLE-LOAD-RAMP-STANDARD-GAL

SAP No. 194832

Metalcorp Steel Feeders & Cattleyard Options



Tombstone Style Feeder.

(Extension panels available)

Tombstone design to reduce spillage, sits level

2 Piece construction makes it easy to relocate

Holds 6 ft round bales - Feeds up to 9 animals simultaneously

Manufactured from hot dipped galvanized pipe

Extension panels are available on request

Pins chained, so you cannot lose them

Light weight, easy to transport



Grain Feeders.

Single Sided Feeders available in a 1 tonne and also a 7 & 9 bag capacity

Double sided available in a 3 tonne unit

8 tonne unit also available POA

Fully Galvanized Construction

Lugs to fit Creep Feeder Gates on all models for weaning

Lids fitted with Safety locks. Good weather protection



8-00ft Hay Rack.

Easy fit bales of hay end on end

Livestock can feed from both sides

Livestock may feed when required

Galvanized steel pipe and mesh construction

Skid base allows for easy relocation

Easily moved manually or by farm equipment

Galvanized steel tray prevents drop outs

Product may not be the same design in each state

Continued on next page...



Double Round Bale Rack Feeder.

Holds two round bales for double the feeding option

Livestock can feed from both sides

Galvanized steel pipe construction

Skid base allows for easy relocation

Galvanized steel tray prevents drop outs

Designs may vary between states

Please check with your local branch



Creep Feeders.

Growing calves benefit from more than just their mother's milk.

By providing a creep feeder, you can find your bottom line growing.

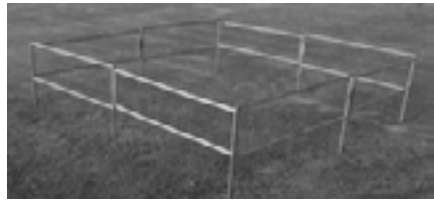
Weaning weights are increased.

Calves which have been creep fed usually suffer less setback at weaning.

Calves with above average growth potential will respond better to creep feeding.

Allow 75 to 100 mm of feeder space per calf.

Many different commercial creep feeds are available and can give excellent results.



Portable Horse Panels

40 x 40 SHS – 2100 x 1340 float panels.

Light duty easy to handle.

Easy to transport

Easy to erect

Strong panels made of quality galvanised tube

Ensures animals will remain quiet Minimises jumping

Horse Day Yards.

115 x 42 oval rail – bigger panels for

Easy to erect permanent yards

Oval shape reduces bruising

Made from quality galvanised tube

Enable maximum control of animals

Building Cattle yards & Components

Building Cattle yards & Components.



Pipes

Metalcorp Steel / BlueScope Distribution can supply you either black or galvanized in a range from 15NB to 150NB. Some stock sizes may be in 7.200 m lengths that will help minimize wastage. Please call your local branch to check the stock availability.



RHS

Metalcorp Steel / BlueScope Distribution can supply you all your rolled hollow sections in a range from 20 x 20mm to 400 x 400mm if needed and the respective rectangular sizes. The majority of RHS sizes used in a cattle yard construction would be 40 x 40 mm to 65 x 65mm.



Cattle Rail Oval Section









Metalcorp Steel / BlueScope Distribution can supply you the range of these sections which aid in the reduction of bruising to valuable cattle. The popular size is the 115 x 42 mm while other sizes may be available. Some sizes however may require a minimum order requirement. The image is for illustration purpose only.





Round Gal. Caps

Metalcorp Steel / BlueScope Distribution can supply you with a full range of Gal. round caps. These may be supplied in Galvabond and is the preferred option to cap both top and bottom of a cattle panel stile or post. The range is from 20 NB to 150 NB. The image is for illustration purpose only.

Building Cattle yards & Components.

	<p>Square Gal. Caps Metalcorp Steel / BlueScope Distribution can supply you with a full range of Gal. square caps. Square cattle panel stiles or post can be capped both top and bottom with these caps. The range is from 20 x 20 mm to 150 x 150 mm. The image is for illustration purpose only.</p>
	<p>Joining Lugs There are many variations to the type of joining lugs. Metalcorp Steel / BlueScope Distribution have continued with the use of a flat lug. These lugs suit both Pipe construction and RHS or Box section style cattle panels designs. Other joining lugs may be sourced from a variety of suppliers. The image is for illustration purpose only.</p>
	<p>Cattle Yard Pins Metalcorp Steel / BlueScope Distribution have standardized on this one pin which is readily available in a galvanized condition. While the pin is 16 mm in diameter, pins from another supplier may vary in dimensions. The image is for illustration purpose only.</p>
	<p>Hinges Through close contact with various suppliers, Metalcorp Steel / BlueScope Distribution has been able to source a reliable supply of weld on hinges. The 20 mm diameter hinge is of most interest as these can be supplied with a "safety" pin. This "R" shaped pin secures the hinge and does not allow it to be lifted off by the raising of the cattle's head.</p>
	<p>Chains Metalcorp Steel / BlueScope Distribution has been able to source a 6 mm long link zinc plated chain which can be supplied in drums. Again, this has been a standardized item for all cattle yard components. The image is for illustration purpose only.</p>
	<p>Latch Plates Latch plates are used to secure a swinging gate and the chain used must find the keeper easily. Metalcorp Steel / BlueScope Distribution can supply you with a variety of commercially made latch plates or offer to supply you with a suitable size flat mild steel or maybe a plate section from which you can cut your own style of latch plates.</p>
	<p>Slam Catches When manufacturing a manway gate or side openings on a crush, it is a good idea to use a latching mechanism that you know will close positively, the first and every time. These labour saving items vary from each supplier and Metalcorp Steel / BlueScope Distribution can guide you towards the one that suits your needs the most. The image is for illustration only.</p>
	<p>Rollers When building a range of slide gates for whatever application, nylon rollers are a good, reliable way of having the sliding part of the gate run smoothly. It is important that the products that make the least amount of noise in a cattle yard, help to keep the cattle calm. The image is for illustration purpose only.</p>

Spear Traps & Alternate Yarding Options

Spear Traps	
Spear Trap - 4 arm	Spear Trap - 5 arm
GEN-CATTLE-SPEAR-TRAP-4ARM SAP No. 188561	GEN-CATTLE-SPEAR-TRAP-5ARM SAP No. 203137
	
<p>These 4 arm or 5 arm spear traps are generally used to trap cattle on large properties where mustering can be an issue with location, or the area has been too wet to muster. Each comes fitted with panel lugs for inclusion into any yard. Manufactured from galvanized, high strength steel, RHS.</p>	

Alternate Yarding Fence Options

Electric Fencing.

An ELECTRIC Fence is a barrier that uses electric shocks to deter animals from crossing a boundary.

Fence Energisers may be designed for mains operation, battery or Solar battery operations depending on the area to be fenced and the remoteness of its location.

The smooth steel electrified fence wires must be insulated to avoid any short outs. Handles, gates and insulated posts are essential items.



Cattle Cable.

The superior strength of galvanized cattle cable for yard options is one of the benefits of using this material. Often sold as a 7 strand, 2.75mm wire forming a solid 8.25mm cable.

Using this form of fencing, use may be made of the local timber for posts. The cable must be staired and the use of turnbuckles and permanent strainers may be a consideration.

This cable is often supplied on wooden reels and lengths of 400 m.



Second Grade Pipe.

As the name suggests, this material is not to the standard where it may be sold as prime stocks.

Yards made from second grade pipe may have a mixture of black or galvanized finish and may also need to be welded together due to the lengths and overall finish of the pipe sections.

These pipes may be from the start up of a mill run and have split or open seams as well as the end of the run may produce lengths shorter than the required. Caps are supplied from 20NB to 150NB.



Second Grade RHS Section.

This material is the same as the second grade pipes.

These sections may be out of square, have split, open or butterfly seams and cut outs in the sections where sample pieces may have been taken during mill production.

Yards made using this material may need to be welded together as the pipe yards.

Square caps can be supplied from 20x20mm to 150x150mm and also in rectangles.



Spear Traps & Alternate Yarding Options



CLASSIC® Crush.

The Metalcorp Steel CLASSIC® Crush is Australia's most popular parallel squeeze crush. It is ideal for the medium to large producers who require a robust, efficient and reliable squeeze crush at an affordable price.

Standard features:-

- Full walk-through Headbail, 2-Side parallel squeeze, Vet area, Front & rear operation, split working gates on both sides, suitable for all veterinary procedures.
- 194802
- Length 3050mm.
- Height 2200mm.
- Base width 820mm.
- 732 kg

Bullockmaster® Crush.

- approx 568 kg

All the popular features of the CLASSIC® Crush but has only a single sided squeeze.



CATTLEMASTER® Crush.

The Metalcorp Steel CATTLEMASTER® Crush is the industry standard for a strong, practical and affordable veterinary crush. The CATTLEMASTER® Crush has split drafting gates that are diagonally offset. Easy and safe to use and stops bruising and scarring of animals.

Standard features:-

- Made from Australian steel
- Fits most brands of scales
- Low maintenance
- Designed for the safety of both farmer and animal
- Minimise bruising
- Optional anti-backing bar, baulk gate and off side
- Length 3100mm.
- Height 2200mm.
- Base width 800mm.
- 155761
- 510 kg



FARMHAND® Crush.

The FARMHAND crush is suited to both the large and small farmer who does not require repetitive veterinary operations, such as pregnancy testing, and would ideally suit the Back Grounder or the Bullock Fattener or can be used as a general purpose crush on both beef and dairy properties.

Standard features:-

- Australian made from Australian steel
- Designed to minimise bruising
- Designed for the safety of the farmer and the animal. Low maintenance
- All gates fitted with slam catch latches
- Fits most brands of scales
- 150715
- Length 3060mm.
- Height 2200mm.
- Base width 800mm.
- 500 kg



HOBBYMASTER® Crush.

Designed with the latest innovation and safety features for both operator and beast, this crush is a stand out in its field. The standard chin bar makes it the complete all-round basic package.

Standard feature:-

- Galvanised construction
- Innovative silent operation
- Sheeted head bail & bottom side gates
- Chin Bar standard
- Auto Lock rear sliding gate
- Also available with vet area
- Patented safety handle front & rear
- Length 2530mm.
- Height 2200mm.
- Base width 800mm.
- 172232
- 300 kg

(Photos may be for illustration purposes only)



HOBBYMASTER® Headbail.

Designed for the budget conscious and suits quieter cattle.

Features include:-

- 50 x 50 x 2 RHS on frame
- Welds and black steel coated with zinc rich primer
- 3 mm plate baffles
- Drop away handles
- Optional offside operation

194826 GEN-CATTLE-HEAD-BAIL-HOB*



FARMHAND® Headbail

This unit is light and easy to operate.

Features include:-

- Headlifter
- 50 x 50 x 2 RHS frame
- 60 x 48 bailarms with 3 mm plate baffles
- Superlock mechanism with drop away handles
- Optional offside operation

GEN-CATTLE-HEAD-BAIL-FARM* 155760

CLASSIC® Headbail

181599 GEN-CATTLE-HEAD-BAIL-CLAS-GAL

No photo of product shown.

STOCKSAFE® Cattle Grids



STOCKSAFE® Unrated Light Duty Cattle Grid.

Standard Size: 4.0m x 2.0m

Standard material: Painted or Galvanized

Downgrade. NB. Some products may vary

Standard Finish: Painted Red.

Top Rails: 65mm x 65mm x 4.0mm.

Bearers: 125mm x 125mm x 5.0mm.

Base Rails: 125mm x 125mm x 5.0mm.

Approximate height: 315mm.



STOCKSAFE® Unrated Heavy Duty Cattle Grid.

Standard Size: 4.0m x 2.0m

Standard material: Painted or Galvanized

Downgrade. NB. Some products may vary.

Standard Finish: Painted Blue.

Top Rails: 65mm x 65mm x 5.0mm.

Bearers: 250mm x 150mm x 4-6.0mm.

Base Rails: 250mm x 150mm x 4-6.0mm.

Approximate height 465mm.



STOCKSAFE® Highway Rated Cattle Grid.

Standard Sizes: 4.0m x 2.0m/ 4.0m x 2.5m.

Standard material: Painted Prime Stock.

Standard Finish: Painted Green.

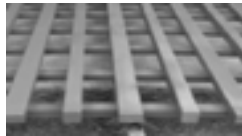
Optional Finish: Hot Dipped Galvanized.

Top Rails: 75mm x 75mm x 6.0mm.

Bearers: 250mm x 150mm x 5.0mm.

Base Rails: 250mm x 150mm x 5.0mm.

Approximate height 475mm.



STOCKSAFE® Heavy Shaker Grid.

Standard Size: 4.0m x 2.0m

Standard material: Painted or Galvanized

Downgrade.

Standard Finish: Painted Blue or Galvanized.

Top Rails: Alternate 50mm x 50mm / 75mm x 75mm.

Bearers: 250mm x 150mm x 5.0mm.

Base Rails: 250mm x 150mm x 5.0mm.

Photo for illustration purposes.



Grid Wings.

All STOCKSAFE® grids are manufactured with mounting brackets for side wings. Wing sets are available as an optional extra.

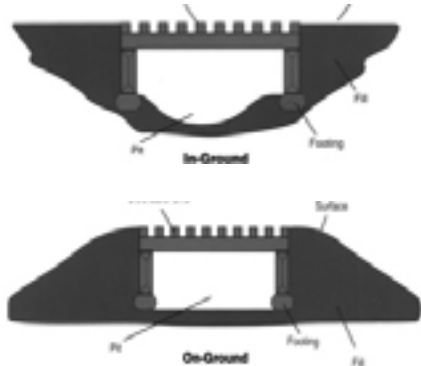
Standard Wings constructed with two rails of W-Strap.

CATTLE KING® Wings constructed with three rails of Cattle Rail.

Installation.

Installing a STOCKSAFE® access grid is quick and easy. There are two installation options. Above Ground or In-Ground.

- **Pit:** The pit should be deep enough to allow for drainage and ease of cleaning. Silt build up will occur over time.
- **Footing:** A firm compacted footing is required for both in ground and above ground installations. Depending on ground conditions, a compacted base is generally more than satisfactory, however if in doubt, a concrete footing should be installed.
- **Surface:** Ensure that the compacted ground surface is level with grid rails. Incorrect surface level will affect the life of the grid. Care should be taken to ensure that the grid sits correctly in relation to the camber of the road.
- **Fill:** compaction of filled area is critical to successful grid installations and ultimately, the grid life.



Please ensure adequate lifting equipment is available when receiving your grid from your Metalcorp Steel Branch.

NB. Metalcorp reserve the right to produce grid sub-frame from RHS, U-Beams, U-Columns or similar products. The overall height may therefore vary.

Goat and Sheep Components



Sheep and Goat Catcher

Table Top/Roll over calf cradle.

Adjustable flank bar.

Reversible for near side and offside operation/branding.

Reversible for near side and offside operation/branding.

Use for foot trimming, crutching, mouthing, preg testing, etc.

SAP Look up details.

GEN-CATTLE-CALF-CRADLE-PTD

SAP No. 185771

Designs may vary between states. Please check your local branch.



Metalcorp Steel 3 Way Sheep Draft V-Race.

Most yards come standard with a 3-Way drafting box at the end of a race.

This is weigh crate compatible. Gates are 7 rail and the previous panel adjusts to ensure single file approach. The block gate swings completely out of the way when not in use.

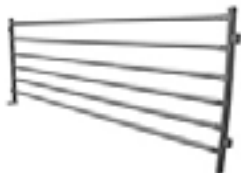
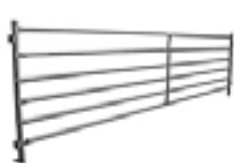
This 3-Way draft box is a real time saver as it enables effective drafting immediately after mouthing, classing etc. It is infinitely better than a simple swing gate. The draft box can be relocated closer to the front of the race if a separate 3-Way drafting race is not justified.

(The box can be deleted if not required and replaced with panels).

3 Way Draft Features.

- Galvanised construction made to last - Sheeted sides
- Gates designed for ease of use - 60cm width, 4mtr length
- Suits all Metalcorp Sheep Panels

FLOCKMASTER® & SHEEPMASTER® Sheep Yard Components



**SHEEPMASTER® 25nb, 1.1mtr high &
FLOCKMASTER® 20nb, 1.0mtr high**

Hot Dipped Galvanised Pipe for added protection
Panels can be used in Permanent or Portable applications.
Lamb proof rail spacing. Handy lugs for ground pinning.
Rails are safety edge W-Strap (except in Queensland)
Available in lengths of 2.2mtr, 2.45mtr and 3.3mtr

Race Bow

60cm wide by 1.0mtr high



Gate in Frame

2.5mtr wide by 1.1mtr high
Handy "No Chain" locking system
Self supporting frame

Manway Gate

60cm wide by 1.0mtr high
Self supporting frame

Creep Feeder

Stocked in - Lismore,
Toowoomba & Warwick.



Open Manway Gate










Corner of Sheep Yard

Sheeppard Mesh

Galvanized
6.0mx0.900m and 6.0mx1.100m

The strength of permanent yards with the flexibility of portable yards.

Building your Sheep Yard Options

Building Sheep Yards and Options	
This yard layout has been built to the size 16.0 m x 21.0m. All materials were supplied from Metalcorp Steel in Victoria. Ask how we can supply you.	
	RHS: These permanent yards have been built using 50 x 50 mm inline Gal. steel posts for durability. Metalcorp Steel / BlueScope Distribution can supply you RHS needs in either Painted or inline Gal. finish. Supplied in stock lengths of 8.0 m or cut to size (in this case 1650 mm long). For maximum strength, the posts have been cemented at 1500 mm centres.
	Square Gal. Caps: Metalcorp Steel / BlueScope Distribution can supply you with a full range of Gal. square caps. Square cattle panel stiles or post can be capped both top and bottom with these caps. The range is from 20 x 20 mm to 150 x 150 mm. The image is for illustration purpose only.
	W - Strap: This versatile product may be supplied in either black (uncoated) or a Gal. finish. The widths may be supplied in 7", 9" or 11" widths with 7" wide being the most popular size overall. For the gentle curves, this product can be easily adapted as shown in the example above. Metalcorp Steel / BlueScope Distribution may stock this product or supply direct from the supplier.
	TEK Screws: These screws may come in varying lengths and thicknesses and are often supplied as a bag of 1000. With adapters fitting most drills, these self drilling screws easily drill through the thickness of the 50 x 50 mm posts. Metalcorp Steel / BlueScope Distribution, in particular the E.I.S. branches may stock these as an add on item to some of the fencing panels.
	Slam Catch: This style of slam catch allows the gate operator to grasp the handle above the fence. This is a safety function as the gate cannot close or jam on the operator's hands. Metalcorp Steel / BlueScope Distribution may stock this product as part of their overall livestock components. The image is for illustration purpose only.
	Hinges: Through close contact with various suppliers, Metalcorp Steel / BlueScope Distribution has been able to source a reliable supply of weld on hinges. The 20 mm diameter hinge is of most interest as these can be supplied with a "safety" pin. This "R" shaped pin secures the hinge and does not allow it to be lifted off. The image is for illustration purpose only.
	Three Way Sheep Draft: Can easily be incorporated and in fact may be an essential unit in the yard design. Used to separate lambs and ewes, this is one of Metalcorp Steels most popular sales unit for sheep yards. The sheet sided VEE race controls the sheep inline and the gates have handles well out of the way for added safety.
	Welding Rods: In some cases the builder may want to weld the W-Strap to posts and gate frames. Metalcorp Steel / BlueScope Distribution stock the most popular sizes of electrodes and mig wires for the DIY enthusiast. Other items that you may require are gloves, welding helmets, chipping hammers, wire brushes and zinc enriched touch up paints in the spray cans.
	Post Mix Concrete: Most Metalcorp Steel E.I.S. branches will stock this product as a standard item. Some branch locations may also stock post hole diggers although to build the above yards, a powered auger or post hole digger may help speed up the overall installation. The image is for illustration purpose only.

These yards are a proven design. The materials that you require may be different.

Permanent yards may have benefits over a portable yard system.

For information regarding the above yards or materials, please contact the Victorian branch on:- Ph: 03 5247 4106.

Achieving project success



We are proudly Australian and work to provide our customers with quality steel and aluminium solutions matched with exceptional customer service. We pride ourselves on our ability to offer customers:



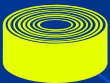
Efficiency

Experience the ease of dealing with a single-source steel and aluminium product supplier, processor and service solutions provider. With the efficiency of doing business with a one point contact, one platform and one set of paperwork - saving you time and money.



Understanding

Our skilled people with depth of industry expertise, technical know-how, and local knowledge strive to provide a unique level of customer understanding. Matched with our responsive service, technical support and problem-solving approach, our team has your business needs covered.



Strength

The strength of our steel and aluminium products made for tough Australian conditions aim to deliver industry confidence. Our product certification, high testing standards, streamlined logistics and reliable delivery timeframes provide our customers the assurance they need.



Certainty

We are proudly Australian. Part of the broader BlueScope group of businesses, our diversified range of steel and aluminium products, processing capability and project management solutions are focused on helping our customers find the freedom to do what they do best. Through our local supply chain, we provide the certainty to meet tight deadlines.



**BlueScope
Distribution**

For more information

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bluescopedistribution.com.au

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