INSULATION STORE

MECHANICAL SERVICES

5th Edition



Electrical Products

Air Conditioning Products

Building Service Products

Plumbing Products

Hardware Products

HVAC Products

ARROW SALES

Arrow Sales Pty Ltd is a proudly Australian, family-owned and operated company that has been supplying quality products to the building, HVAC, plumbing, electrical and trade industries since 2000.

With decades of industry experience, we specialise in sourcing, manufacturing, importing, wholesaling and distributing an extensive range of products to customers throughout Australia. Our commitment is to provide reliable products, competitive pricing and exceptional customer service.

Our motto, **"Offering Trade Solutions"** and **"Connecting the Trade"**, reflects our dedication to helping businesses and tradespeople find the right products when they need them most. We understand that time is critical, which is why we strive to deliver orders quickly and efficiently, whether to your business, job site or home, helping keep your projects on schedule.

Backed by knowledgeable staff, trusted brands, an extensive product range and our commitment to value, **Arrow Sales** has built a reputation as a dependable supply partner for Australian trades and DIY customers alike.

Tradestore.com.au is the official online store of **Arrow Sales Pty Ltd**, offering customers a convenient way to browse and purchase our extensive product range with the same trusted service and support that **Arrow Sales** has delivered for over 25 years.

Kind Regards,

Dale Richardson
Managing Director



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COPPER PIPE FOR A/C AND REFRIGERATION

Pre-Insulated Premium Black Paired Coil		Size						Wt Per
Code	Dimensions	OD (mm)	WT (mm)	L (M)	OD (mm)	WT (mm)	L (M)	Piece (kg)
CUCRR1438	Cu Pair Coil(6.35x0.81+9.52x0.81)x20M	6.35	0.81	20	9.52	0.81	20	6.41
CUCRR1412	Cu Pair Coil(6.35x0.81+12.7x0.81)x20M	6.35	0.81	20	12.70	0.81	20	7.84
CUCRR1458	Cu Pair Coil(6.36x0.81+15.88x1.02)x20M	6.35	0.81	20	15.88	1.02	20	10.85
CUCRR3858	Cu Pair Coil(9.52x0.81+15.88x1.02)x20M	9.52	0.81	20	15.88	1.02	20	12.27
CUCRR1234	Cu Pair Coil(12.7x0.81+19.05x1.14)x20M	12.70	0.81	20	19.05	1.14	20	16.81
R410A Rated	Yes - all items							
Type	AN - all items							



Pancake Copper Coils		R410A Rated	Type	Size			Wt Per Piece (kg)
Code	Dimensions			OD (mm)	WT (mm)	L (M)	
CUC1421P30	Cu Pancake (6.35x0.81)x30M	Yes	AN	6.35	0.81	30	5.36
CUC3821P	Cu Pancake (9.52x0.81)x18M	Yes	AN	9.52	0.81	18	3.57
CUC1221P	Cu Pancake (12.7x0.81)x18M	Yes	AN	12.70	0.81	18	4.87
CUC5819P	Cu Pancake (15.88x1.02)x18M	Yes	AN	15.88	1.02	18	7.66
CUC3419P	Cu Pancake (19.05x1.14)x18M	Yes	AN	19.05	1.14	18	10.30
CUC7817P	Cu Pancake (22.23x1.40)x18m	Yes	AN	22.23	1.40	18	17.00



FIRE RATED
COPPER PIPE FOR A/C AND REFRIGERATION

Pre-Insulated Paired Coil - 13mm		Size						Wt Per
Code	Dimensions	OD (mm)	WT (mm)	L (M)	OD (mm)	WT (mm)	L (M)	Piece (kg)
CUCFR1438K	1/4 x 3/8 13mm Fire Rated Pair Coil 20m	6.35	0.81	20	9.52	0.81	20	9.10
CUCFR1412K	1/4 x 1/2 13mm Fire Rated Pair Coil 20m	6.35	0.81	20	12.70	0.81	20	11.50
CUCFR1458K	1/4 x 5/8 13mm Fire Rated Pair Coil 20m	6.35	0.81	20	15.88	1.02	20	13.95
CUCFR3858K	3/8 x 5/8 13mm Fire Rated Pair Coil 20m	9.52	0.81	20	15.88	1.02	20	15.60
CUCFR3834K	3/8 x 3/4 13mm Fire Rated Pair Coil 20m	9.52	0.81	20	19.05	1.14	20	19.30
R410A Rated	Yes - all items							
Type	AN - all items							

Pre-Insulated Paired Coil - 19mm & 25mm		Size						Wt Per
Code	Dimensions	OD (mm)	WT (mm)	L (M)	OD (mm)	WT (mm)	L (M)	Piece (kg)
CUCFR19K1438	1/4 x 3/8 FR 19mm Wall Pair Coil 18m	6.35	0.81	18	9.52	0.81	18	10.30
CUCFR19K1412	1/4 x 1/2 FR 19mm Wall Pair Coil 18m	6.35	0.81	18	12.70	0.81	18	11.75
CUCFR19K1458	1/4 x 5/8 FR 19mm Wall Pair Coil 18m	6.35	0.81	18	15.88	1.02	18	14.50
CUCFR19K3834	3/8 x 3/4 FR 19mm Wall Pair Coil 18m							
CUCFR19K3858	3/8 x 5/8 FR 19mm Wall Pair Coil 18m	9.52	0.81	18	15.88	1.02	18	15.88
CUCFR25W1458	1/4 x 5/8 FR 25mm Wall Pair Coil 12m	6.35	0.81	18	15.88	1.02	18	
CUCFR25W3858	3/8 x 5/8 FR 25mm Wall Pair Coil 15m	9.52	0.81	18	15.88	1.02	18.00	
CUCFR25W3834	3/8 x 3/4 FR 25mm Wall Pair Coil 12m	9.52	0.81	20	19.05	1.14	18.00	
R410A Rated	Yes - all items							
Type	AN - all items							





COPPER PIPE FOR A/C AND REFRIGERATION

	Drawn Lengths	R410A Rated	Type		Size		Wt Per
Code	Dimensions			OD (mm)	WT (mm)	L (M)	Piece (kg)
CUSAC0621	Cu AC Length (6.35x0.81)x6M	Yes	HD	6.35	0.81	6	0.76
CUSAC1021	Cu AC Length (9.52x0.81)x6M	Yes	HD	9.52	0.91	6	1.19
CUSAC1221H	Cu AC Length (12.7x0.81)x6M	Yes	HH	12.70	0.91	6	1.62
CUSAC1619H	Cu AC Length (15.88x1.02)x6M	Yes	HH	15.88	1.02	6	2.55
CUSAC2019H	Cu AC Length (19.05x1.14)x6M	Yes	HH	19.05	1.14	6	3.44
CUSAC2217	Cu AC Length (22.23x1.40)x6M	Yes	HD	22.23	1.63	6	4.91
CUSAC2516	Cu AC Length (25.4x1.63)x6M	Yes	HD	25.40	1.63	6	6.53
CUSAC2814	Cu AC Length (28.58x1.83)x6M	Yes	HD	28.58	1.83	6	8.25
CUSAC3212	Cu AC Length (31.75x2.03)x6M	Yes	HD	31.75	2.03	6	10.16
CUSAC3512	Cu AC Length (349x2.03)x6M	Yes	HD	34.90	2.03	6	11.24
CUSAC3814	Cu AC Length (38.1x2.29)x6M	Yes	HD	38.10	2.29	6	13.82
CUSAC4213	Cu AC Length (41.28x2.41)x6M	Yes	HD	41.28	2.41	6	15.78
CUSAC5018	Cu AC Length (50.8x1.22)x6M		HD	50.80	1.22	6	10.19
CUSAC5420	Cu AC Length (54.0x0.91)x6M		HD	54.00	0.91	6	8.14
CUSAC5418	Cu AC Length (54.0x1.22)x6M		HD	54.00	1.22	6	10.85
CUSAC5818	Cu AC Length (66.7x1.22)x6M		HD	66.70	1.22	6	13.46

Code	9mm Continous Coil Insulation
TSSC9INS14	6 mm Continous Coil 9mm - 70m
TSSC9INS38	10 mm Continous Coil 9mm - 50m
TSSC9INS12	12 mm Continous Coil 9mm - 45m
TSSC9INS58	15 mm Continous Coil 9mm - 40m
TSSC9INS1	25 mm Continous Coil 9mm - 26m



Code	13mm Continous Coil Insulation
TSSC13INS14	6 mm Continous Coil 13mm - 45m
TSSC13INS38	10 mm Continous Coil 13mm - 35m
TSSC13INS12	12 mm Continous Coil 13mm - 32m
TSSC13INS58	15 mm Continous Coil 13mm - 32m
TSSC13INS1	25 mm Continous Coil 13mm - 20m

HVAC COPPER

90 Degree

Code	Description
CUFE14D90	1/4 90 Degree Elbow R410A
CUFE38D90	3/8 90 Degree Elbow R410A
CUFE12D90	1/2 90 Degree Elbow R410A
CUFE58D90	5/8 90 Degree Elbow R410A
CUFE34D90	3/4 90 Degree Elbow R410A
CUFE78D90	7/8 90 Degree Elbow R410A
CUFE10D90	1 90 Degree Elbow R410A
CUFE114D90	1 1/4 90 Degree Elbow R410
CUFE118D90	1 1/8 90 Degree Elbow R410A
CUFE138D90	1 3/8 90 Degree Elbow R410A
CUFE158D90	1 5/8 90 Degree Elbow R410A



45 Degree

Code	Description
CUFE38D45	3/8 45 Degree Elbow R410A
CUFE12D45	1/2 45 Degree Elbow R410A
CUFE58D45	5/8 45 Degree Elbow R410A
CUFE34D45	3/4 45 Degree Elbow R410A
CUFE78D45	7/8 45 Degree Elbow R410A
CUFE10D45	1 45 Degree Elbow R410A
CUFE118D45	1 1/8 45 Degree Elbow R410A
CUFE138D45	1 3/8 45 Degree Elbow R410A
CUFE158D45	1 5/8 45 Degree Elbow R410A



Couplings

Code	Description
CUFC14	1/4 Coupling R410A
CUFC38	3/8 Coupling R410A
CUFC12	1/2 Coupling R410A
CUFC58	5/8 Coupling R410A
CUFC34	3/4 Coupling R410A
CUFC78	7/8 Coupling R410A
CUFC10	1 Coupling R410A
CUFC118	1 1/8 Coupling R410A
CUFC138	1 3/8 Coupling R410A
CUFC158	1 5/8 Coupling R410A



M-Flex FR Insulation

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FR Pipe Insulation 9mm Wall

Code	WALL (mm)	ID (mm)	LENGTHS (Per Carton)
TINS14	9	6	168
TINS38	9	10	130
TINS12	9	13	115
TINS58	9	15	90
TINS34	9	19	76
TINS78	9	22	70
TINS10	9	25	55
TINS118	9	28	55
TINS114	9	32	
TINS138	9	35	36
TINS112	9	40	
TINS158	9	42	30
TINS20	9	50	
TINS218	9	54	
TINS238	9	60	
TINS212	9	64	
TINS258	9	67	
TINS3	9	76	



FR Pipe Insulation 13mm Wall

Code	WALL (mm)	ID (mm)	LENGTHS (Per Carton)
TFR13INS14	13	6	90
TFR13INS38	13	10	80
TFR13INS12	13	13	65
TFR13INS58	13	15	60
TFR13INS34	13	19	45
TFR13INS78	13	22	40
TFR13INS1	13	25	40
TFR13INS118	13	28	36
TFR13INS114	13	32	
TFR13INS138	13	35	30
TFR13INS112	13	40	
TFR13INS158	13	42	25
TFR13INS2	13	50	
TFR13INS218	13	54	
TFR13INS238	13	60	
TFR13INS258	13	67	
TFR13INS3	13	76	
TFR13INS318	13	80	
TFR13INS312	13	89	
TFR13INS378	13	101	
TFR13INS412	13	114	



For more information visit: www.mflex.com.au

AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing
A.B.N 43 006 014 106

M-Flex FR Insulation

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FR Pipe Insulation 19mm Wall

Product Code	WALL (mm)	ID (mm)	LENGTHS (Per Carton)
TFRINS14	19	6	49
TFRINS38	19	10	42
TFRINS12	19	13	36
TFRINS58	19	15	36
TFRINS34	19	19	30
TFRINS78	19	22	27
TFRINS10	19	25	24
TFRINS118	19	28	24
TFRINS138	19	35	16
TFRINS158	19	42	16
TFRINS218	19	54	12



FR Pipe Insulation 25mm Wall

Product Code	WALL (mm)	ID (mm)	LENGTHS (Per Carton)
TFR25INS14	25	6	32
TFR25INS38	25	10	30
TFR25INS12	25	13	25
TFR25INS58	25	15	23
TFR25INS34	25	19	20
TFR25INS78	25	22	18
TFR25INS1	25	25	17
TFR25INS118	25	28	16
TFR25INS138	25	35	12
TFR25INS158	25	42	12
TFR25INS218	25	54	9



Single Sided Adhesive Rubber Sheets Rolls

Product Code	Description	$ Per Roll	$ PER 2M LENGTH
TSSK6	One Side Adhesive Rubber Sheet 30m x 1.2mm x 6mm	261.79	$ 2.38
TSSK9	One Side Adhesive Rubber Sheet 20m x 1.2mm x 9mm	269.93	$ 2.38
TSSK13	One Side Adhesive Rubber Sheet 15m x 1.2mm x 13mm	POA	POA

Flat Insulation Materials

Product Code	Description
TINST6	1x14 x 6mm Sheets Adhesive Back ST
TINST13	1.2m x 13mm Sheets of Insulation Type ST
TINST9	1.2mm x 9mm Sheets of Insulation Type ST
TINSTTA	Acoustic Lagging 1350m x 3m Rolls
TINST15	Insulation Tape 3mm x 48mm x 9.14mtr
TINSTS19	SHEET 19mm x 1M x 1.5M



M-Flex FR Insulation

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FR Pipe Insulation 32mm Wall

Product Code	WALL (mm)	ID (mm)	LENGTHS (Per Carton)
TFR32INS38	32	10	15
TFR32INS12	32	13	12
TFR32INS58	32	15	12
TFR32INS34	32	19	12
TFR32INS78	32	22	11
TFR32INS1	32	25	11
TFR32INS118	32	28	9
TFR32INS138	32	35	9
TFR32INS158	32	42	9
TFR32INS218	32	54	8



FR Pipe Insulation 38mm Wall

Product Code	WALL (mm)	ID (mm)	LENGTHS (Per Carton)
TFR38INS78	38	22	9
TFR38INS10	38	25	9
TFR38INS118	38	28	9
TFR38INS138	38	35	9
TFR38INS158	38	42	9



Foil Face Insulation - With NBR Inner FR Insulation

Product Code	WALL (mm)	ID (mm)	LENGTHS (Per Carton)
TFF25INS12	25	12	25
TFF25INS58	25	16	
TFF25INS34	25	20	20
TFF25INS78	25	22	
TFF25INS10	25	25	17
TFF25INS118	25	28	
TFF25INS114	25	32	16
TFF25INS138	25	34	
TFF25INS112	25	38	12
TFF25INS158	25	42	
TFF25INS2	25	50	9
TFF25INS215	25	60	
TFF25INS212	25	63	8
TFF25INS250	25	64	
TFF25INS3	25	76	8
TFF25INS315	25	89	6
TFF25INS4	25	102	6



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Foil Face Insulation - With NBR Inner FR Insulation

Product Code	WALL (mm)	ID (mm)
TFF40INS012	40	12
TFF40INS34	40	20
TFF40INS100	40	25
TFF40INS118	40	28
TFF40INS114	40	32
TFF40INS138	40	35
TFF40INS112	40	38
TFF40INS158	40	42
TFF40INS200	40	51
TFF40INS218	40	54
TFF40INS238	40	60
TFF40INS250	40	63
TFF40INS212	40	64
TFF40INS258	40	67
TFF40INS300	40	76
TFF40INS312	40	89
TFF40INS400	40	102
TFF40INS600	40	152



Reinforced Foil Tape

Product Code	WALL (mm)	THICKNESS (mm)	LENGTHS (Per ROLL)
FOIL48	1	48	45
FOIL72	1	72	45
FOIL100	1	100	45



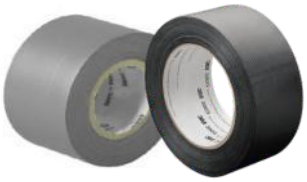
Contact Adhesive

Product Code	Description
SOLT500	500ML Insulation Glue
TOOLBRUSH	Small Application Brush



Duct Tape

Product Code	Description
DUCTG	Grey Duct Tape - Trade Quality - 48mmx30m
DUCTB	Black Duct Tape - Trade Quality - 48mmx30m



Plumbing Copper

TYPE B PLUMBING COPPER						
Code	Pack Qty	Type	OD (mm)	Wt (mm)	L (mm)	Weight/ Piece (kg)
CUSP1220	150	BQ	12.70	0.91	6	1.81
CUSP1220L	10	BQ-LAG	12.70	0.91	6	1.81
CUSP2020	50	BQ	19.05	0.91	6	2.80
CUSP2019	100	BQ	19.05	1.02	6	3.10
CUSP2019L	10	BQ-LAG	19.05	1.02	6	3.10
CUSP2518	60	HD	25.40	1.22	6	4.97
CUSP3218	50	HD	31.75	1.22	6	6.28
CUSP3818	40	HD	38.10	1.22	6	7.58
CUSP5018	30	HD	50.80	1.22	6	10.19
CUSP6518	25	HD	63.50	1.22	6	12.80
CUSP8016	15	HD	76.20	1.63	6	20.48
CUSP10016	10	HD	101.60	1.63	6	27.45
CUSP12516	8	HD	127.00	1.63	6	34.43
CUSP15014	3	HD	152.40	2.03	6	51.43
CUSP20014		HD	203.20	2.03	6	68.80



Copper Tees

Code	Description
CUFT15E	Cu Fitting DN15 Equal Tee
CUFT20E	Cu Fitting DN20 Equal Tee
CUFT25E	Cu Fitting DN25 Equal Tee
CUFT32E	Cu Fitting DN32 Equal Tee
CUFT40E	Cu Fitting DN40 Equal Tee
CUFT50E	Cu Fitting DN50 Equal Tee
CUFT65E	Cu Fitting DN65 Equal Tee
CUFT80E	Cu Fitting DN80 Equal Tee
CUFT100E	Cu Fitting DN100 Equal Tee
CUFTR202015	Cu Fitting Tee Reduce W25 20x20x15C
CUFTR252515	Cu Fitting Tee Reduce W25 25x25x15C
CUFTR252520	Cu Fitting Tee Reduce W25 25x25x20C
CUFTR201520	Cu Fitting Tee Reduce W26 20x20Cx15E
CUFTR251525	Cu Fitting Tee Reduce W26 25x25Cx15E
CUFTR252025	Cu Fitting Tee Reduce W26 25x25Cx20E
CUFTR201515	Cu Fitting Tee Reduce W27 20x15Cx15E
CUFTR252020	Cu Fitting Tee Reduce W27 25x20Cx20E





Elbow Copper

Code	Description
CUFE15D90	Cu Fitting DN15x90 S/R P/B
CUFE20D90	Cu Fitting DN20x90 S/R P/B
CUFE25D90	Cu Fitting DN25x90 S/R P/B
CUFE32D90	Cu Fitting DN32x90 S/R P/B
CUFE40D90	Cu Fitting DN40x90 S/R P/B
CUFE50D90	Cu Fitting DN50x90 S/R P/B
CUFE65D90	Cu Fitting DN65x90 S/R P/B
CUFE80D90	Cu Fitting DN80x90 S/R P/B
CUFE100D90	Cu Fitting DN100x90 S/R P/B
CUFE25D45	Cu Fitting DN25x45 S/R P/B
CUFE32D45	Cu Fitting DN32x45 S/R P/B
CUFE40D45	Cu Fitting DN40x45 S/R P/B
CUFE50D45	Cu Fitting DN50x45 S/R P/B
CUFE65D45	Cu Fitting DN65x45 S/R P/B
CUFE80D45	Cu Fitting DN80x45 S/R P/B
CUFE100D45	Cu Fitting DN100x45 S/R P/B





Couplings

Code	Description
CUFC15	Cu Fitting DN15 Cu Coupling
CUFC20	Cu Fitting DN20 Cu Coupling
CUFC25	Cu Fitting DN25 Cu Coupling
CUFC32	Cu Fitting DN32 Cu Coupling
CUFC40	Cu Fitting DN40 Cu Coupling
CUFC50	Cu Fitting DN50 Cu Coupling
CUFC65	Cu Fitting DN65 Cu Coupling
CUFC80	Cu Fitting DN80 Cu Coupling
CUFC100	Cu Fitting DN100 Cu Coupling



F+F (W1R) Reducers

Code	Description
CUFRC2015	Cu Fitting DN20xDN15 PR Reducer
CUFRC2520	Cu Fitting DN25xDN20 PR Reducer

M&F Concentric Reducers

Code	Description
CUFR2015	Cu Fitting DN20X15 PR Reducers
CUFR2520	Cu Fitting DN25X20 PR Reducers
CUFR3220	Cu Fitting DN32X20 PR Reducers
CUFR3225	Cu Fitting DN32X25 PR Reducers
CUFR4020	Cu Fitting DN40X20 PR Reducers
CUFR4025	Cu Fitting DN40X25 PR Reducers
CUFR4032	Cu Fitting DN40X32 PR Reducers
CUFR5025	Cu Fitting DN50X25 PR Reducers
CUFR5032	Cu Fitting DN50X32 PR Reducers
CUFR5040	Cu Fitting DN50X40 PR Reducers
CUFR6540	Cu Fitting DN65X40 PR Reducers
CUFR6550	Cu Fitting DN65X50 PR Reducers
CUFR8050	Cu Fitting DN80X50 PR Reducers
CUFR8065	Cu Fitting DN80X65 PR Reducers
CUFR10050	Cu Fitting DN100X50 PR Reducers
CUFR10065	Cu Fitting DN100X65 PR Reducers



Silver Solders

Code	Description
CUSS2P	2% Yellow Tip Silver Solder - p/kg
CUSS5P	5% Silver Tip Silver Solder - p/kg
CUSS15P	15% Brown Tip Silver Solder - p/kg
CUSS45P	45% Silver Solder - p/stick



PRESSURE PIPE DRAINAGE SYSTEM

Air Conditioning & Refrigration Drain Pipe	Nom. Size	Code	Pipe Length
	15	PD15ACR	4m
	20	PD20ACR	4m
	25	PD25ACR	4m
	32	PD32ACR	4m

Reducer Bushing (Slip x Slip) Cat. No. 5	Nom. Size	Code
	20 x 15	SRB0750
	25 x 15	SRB1005
	25 x 20	SRB1007
	32 x 20	SRB1207
	32 x 25	SRB1210
	250 x 200	SRB10080

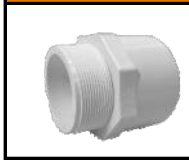
Coupling (Slip x Slip) Cat. No. 7	Nom. Size	Code
	15	SCS05
	20	SCS07
	25	SCS10
	32	SCS12
	250	SCS100

Reducer Bushing (Slip x Slip) Cat. No. 8	Nom. Size	Code
	20 x 15	SRS0750
	25 x 15	SRS1005
	25 x 20	SRS1007
	32 x 20	SRS1207
	32 x 25	SRS1210

45 Degree Elbow (Slip x Slip) Cat. No. 10	Nom. Size	Code
	15	SAS05
	20	SAS07
	25	SAS10
	32	SAS12

90 Degree Elbow (Slip x Slip) Cat. No. 13	Nom. Size	Code
	15	SLS05
	20	SLS07
	25	SLS10
	32	SLS12

PRESSURE PIPE DRAINAGE SYSTEM

Valve Socket (Male Adpt) | Cat No.17		
	Nom. Size	Code
	15	SMT05
	20	SMT07
	25	SMT10

P Trap		
	Nom. Size	Code
	20	EACT20
	25	EACT25

20mm Clear Jtrap Tube		
	Nom. Size	Code
	20	JTRAP

Faucet Socket (Female Adpt) | Cat No.18		
	Nom. Size	Code
	15	SFT05
	20	SFT07
	25	SFT10

Tee (Slip & Slip) | Cat No.19		
	Nom. Size	Code
	15	STS05
	20	STS07
	25	STS10
	20x25	STS1007
	32	STS12

CONDUIT DRAINAGE SYSTEM

Conduit Pipe		
	Nom. Size	Code
	16	ERC16
	20	ERC20
	25	ERC25
	32	ERC32
	40	ERC40
	50	ERC50

CONDUIT DRAINAGE SYSTEM

Couplings Grey



Nom. Size	Code
16	ETC16
20	ETC20
25	ETC25
32	ETC32

Step Reducer



Nom. Size	Code
16 x 20	ERD2016
25 x 20	ERD2520
32 x 25	ERD3225

SWEEP BEND TELSTRA



Nom. Size	Code
20	ESB20TELSTRA

90 Degree Elbow



Nom. Size	Code
16	EEL16
20	EEL20
25	EEL25
32	EEL32

Straight Tee



Nom. Size	Code
16	EST16
20	EST20
25	EST25
32	EST32

Flexible Hose



Nom. Size	Code
16 x 50	HOSERF16
18 x 50	HOSERF18
16 x 25	HOSERFS16
16 x 25	HOSERFS16PR

Rigid Telstra Conduit



Nom. Size	Code
20	ERC20TEL
50	ERC50TEL

CONSUMABLES

PVC Solvent Cement







Code	Description	Qty Pkt
SOL100	Clear Solvent - 100g	1
SOL500	Clear Solvent - 500g	1
SOLB500	Type N PVC Blue Solvent -500ml	1
SOLG500	Green Solvent - 500g	1
SOLP500	Pink Priming Fluid - 500g	1
SOLT1L	Insulation Adhesive - 1L	1
SOLT500	Insulation Glue - 520 Adhesive 500ml	1
SOL250	Type N PVC Clear Solvent - 250ml	1
SOLB250	Type N PVC Blue Solvent - 250ml	1
SOLG250	Green Solvent Type P - 250g	1
SOLGN500	Clear PVC Glue Type P - 500ml	1
SOLP250	Red Priming Fluid - 250g	1
SOLPC500	PVC Clear Priming Fluid - 500ml	1

Red Cap



Code	Description	Qty Pkt
REDCAP	20mm RedCap	1
REDCAP25	25mm RedCap	1

EZ-Trap Transparent Cross Trap



Code	Description	Qty Pkt
EZT113	Ez-Trap Trans Cross Trap	1

EZ-Trap Smart Trap With Float Switch



Code	Description	Qty Pkt
EZT210	Ez-Trap Smart Trap With Float Switch	1

EZ-Trap Cut Off Switches



Code	Description	Qty Pkt
EZT224	Close Couple Float Switch 20mm	1
EZT225	Vertical/Horizontal Float Switch	1
EZT226	Close Couple Float Switch 25mm	1

Brush



Code	Description	Qty Pkt
EZT113B	EZ-TRAP with Brush	1
EZT406	Flexible Brush	1

CONSUMABLES

Clear and Re-infored PVC Hose		
	**Code**	**Description**
	HOSECL06	6mm Clear Flexible PVC Hose
	HOSECL08	8mm Clear Flexible PVC Hose
	HOSECL10	10mm Clear Flexible PVC Hose
	HOSECL13	13mm Clear Flexible PVC Hose
	HOSECL19	16mm Clear Flexible PVC Hose
	HOSECL20	19mm Clear Flexible PVC Hose
	HOSECL25	25mm Clear Flexible PVC Hose
	HOSECL32	32mm Clear Flexible PVC Hose
	HOSECL38	38mm Clear Flexible PVC Hose
	HOSER10	10mm Re-Inforced Clear Flex Hose
	HOSER20	20mm Re-Inforced Clear Flex Hose
	HOSER25	25mm Re-Inforced Clear Flex Hose

Hose Clamps | Zinc Plated		
	**Code**	**Description**
	HOSEC12	15-20mm Galvanised Hose Clamp
	HOSEC18	18-25mm Galvanised Hose Clamp
	HOSEC20	22-32mm Galvanised Hose Clamp
	HOSEC30	27-40mm Galvanised Hose Clamp
	HOSEC40	40-55mm Galvanised Hose Clamp
	HOSEC50	55-70mm Galvanised Hose Clamp
	HOSEC120	120-155mm Galvanised Hose Clamp
	HOSEC180	180-200mm Galvanised Hose Clamps

Condensate Pumps		
 	**Code**	**Description**
	PUMPCMAX	Maxi Orange Condensate Pump
	PUMPCMOR	Mini Orange Condesate Pump
	PUMPAQUA	Mini Aqua Condensate Pump
	PUMPCLIMES	Mini Lime Silent Condensate Pump
	PUMPCMB	Mini Blanc Condensate Pump
	PUMPBMIC	Blue Diamond Micro Blue Pump w Res
	PUMPBMIN	Blue Diamond Mini Blue Pump w Res

CONSUMABLES

Tank Pumps Hi-Flow Aspen		
	**Code**	**Description**
	PUMPHF0	MAX Hi Flow Tank Pump
	PUMPBMAX	Blue Diamond Maxi Blue Pump w Res
	PUMPBMEG	Blue Diamond Mega Blue Pump w Res

MAPP Gas Tools		
	**Code**	**Description**
	TOOLMAPGAS	Mapp Gass
	TOOLMAPSFSP	Stop Flame Safety Pad STD 210x297

Spring Flashings | Dektites		
	**Code**	**Description**
	FLASHSQT0	Flashing Square Black 0-35mm
	FLASHSQT1	Flashing No 1 Black 5-55mm
	FLASHSQT2	Flashing No 2 Black 5-76mm
	FLASHSQT3	Flashing No 3 Black 5-127mm
	FLASHSQT5	Black Flashing Square 75-175mm
	FLASHSQT5	Flashing No 5 Black 100-200mm
	FLASHSQT6	Black Flashing Square 125-230mm
	FLASHSQT7	Flashing No 7 Black 150-350mm
	FLASHKT65	DEKS Top Hat Roof Kit 65mm
	FLASHKT80	DEKS Top Hat Roof Kit 80mm
	FLASHKT110	DEKS Top Hat Roof Kit 110mm
	FLASHKTE65	Flexible Roof Seal Kit 65mm
	FLASHR150	ProFlash Roof Collar BLK (50-170mm)
	FLASHR330	ProFlash Roof Collar BLK (170-330mm)
	FLASHRDT1	Flashing No.1 Grey Round 6-60mm
	FLASHRDT2	Flashing No.2 Grey Round 50-80mm
	FLASHRDT3	Flashing No.3 Grey Round 60-110mm
	FLASHRDT4	Flashing No.4 Grey Round 75-150mm
	FLASHRDT5	Flashing No.5 Grey Round 110-170mm
	FLASHRDT6	Flashing No.6 Grey Round 140-210mm

CONSUMABLES

Christmass Tress Plugs			
	**Code**	**Description**	**Qty - Pkt**
	ACHRIST	Christmas Tree Plugs - 6mm	100
	ACHRIST8	Christmas Tree Plugs - 8mm	100

Blue Hanging Strap			
	**Code**	**Description**	**Qty - Pkt**
	FS25	Blue 25mm x 50m Hanging Strap	1
	FS50	Blue 50mm x 50m Hanging Strap	1
	FS75	Blue 75mm x 25m Hanging Strap	1

Perforated Steel Strapping			
	**Code**	**Description**	**Qty - Pkt**
	FS415M	Flexi-Strapping 23 x .04 x 15m (30kg)	1
	FS715M	Flexi-Strapping 23 x .07 x 15m (60kg)	1
	FS715S	Flexi-Strapping S/Steel 25 x 0.7 x 15m	1

Pair Coil Hanger For Threaded Rod			
	**Code**	**Description**	**Qty -Pkt**
	PRBMH2	Metal Pair Coil 3/8 - 5/8	10
	PRBMH3	Metal Pair Coil 1/2 - 7/8	10
	PRBMH4	Metal Pair Coil 5/8 - 1 1/8	10
	PRBPH2	Plastic Pair Coil Hanger 3/8 - 5/8	10
	PRBPH4	Plastic Pair Coil Hanger	10

Duct Tape | Nopi Brand			
	**Code**	**Description**	**Qty - Pkt**
	DUCTG	Grey Duct Tape - 48mm x 3m	60
	DUCTB	Black Duct Tape - 48mm x 3m	60

CONSUMABLES

Cable Ties





Code	Description	Qty - Pkt
CTIE100B	Cable Tie Black 100 x 2.5mm	100
CTIE100BN	Cable Tie Natural 100 x 2.5mm Bulk	100
CTIE100N	Cable Tie Natural 100 x 2.5mm	100
CTIE150B	Cable Tie Black 150 x 3.5mm	100
CTIE900B	Cable Tie Black 900mm	100
CTIE800B	Cable Tie Black 800mm	100
CTIE540B	Cable Tie Black 540x7.6mm	100
CTIE1220B	Cable Tie Black 1220x9.0mm	100
CTIE150N	Cable Tie Natural 150 x 3.5mm	100
CTIE200B	Cable Tie Black 200 x 4.7mm	100
CTIE200N	Cable Tie Natural 200 x 4.7mm	100
CTIE300B	Cable Tie Black 301 x 4.8mm	100
CTIE300N	Cable Tie Natural 301 x 4.8mm	100
CTIE370B	Cable Tie Black 370x4.8mm	100
CTIE380B	Cable Tie Black 382 x 7.5mm	100
CTIE380N	Cable Tie Natural 382 x 7.5mm	100
CTIE383N	Cable Tie Nature 383 x 4.8mm	100



Code	Description	Qty - Pkt
CTIE150BULK	Cable Tie Black 150x3.5mm	1000
CTIE200BN	Cable Tie Natural 200x4.7mm Bulk	1000
CTIE200BULK	Cable Tie Black 200x4.7mm	1000
CTIE300B500	Cable Tie Black 301x4.8mm	500
CTIE300BULK	Cable Tie Black 301x4.8mm	1000
CTIE150BN	Cable Tie Black 150 x 3.5mm Bulk	1000

Duct Ties



Code	Description	Qty - Pkt
CTIE535N	Duct Cable Tie 535 x 8.8mm	25
CTIE820N	Duct Cable Tie 820 x 8.8mm	25
CTIE925N	Duct Cable Tie 925 x 8.8mm	25
CTIE820W	Duct Cable Tie 820 x 8.8mm Wres	25
CTIE1100N	Duct Cable Tie 1095 x 8.9mm	25
CTIE1300W	Duct Cable Ties 1325 x 8.9 Wres	25
CTIE1220N	Duct Tie 1220x9mm	100
CTIE1550N	Duct Ties 1550x9mm (18inch)	100
CTIE535W	Duct Cable Tie 535x8.8mm WRes	100

Cable Tie Weather



Code	Description	Qty - Pkt
CTIE100W	Cable Tie Weather Res 100x2.5mm	
CTIE200BW	Cable Tie Weather Res. 200x4.7mm Bulk	
CTIE200W	Cable Tie Weather Res. 200x4.7mm	

CONSUMABLES

Waffle Pad Strips an Squares			
	**Code**	**Description**	**Qty**
	WAEP1000100	Waffle Pad 1000x100x10	1
	WAEP5050	50x50mm WAFFLE SQUARE + 13mm HOLE	1
	WAEPFM45458	450x450 Waffle Pad	1
	WAEP2525	25mm Waffle washers 6mm hole	1
	WAEPFM4545FS	Shearflex 450x450 Red Waffle Pad	1

PVC Mounting Block			
	**Code**	**Description**	**Qty**
	PDMBIV	450mm PVC Mounting Block	1
	PDMBIV1000	1000mm PVC Mounting Block	1

Adjustable And Standard Feet			
	**Code**	**Desciption**	**Qty**
	FRF400A	Adjustable Rubber Feet (Set of 4)	1
	FRF400AG	Adjustable Rubber Feet (Set of 4) HDG	1
	FRF400AS	Adjustable Rubber Feet (Set of 4) S/Steel	1
	FRFSTD	Rubber Condensor Stand (Pack of 4)	1

Fix-It Foot			
	**Code**	**Desciption**	**Qty**
	PRBBFF250	FIX-IT FOOT (250 x 180 x 95mm)	1
	PRBBFF400	FIX-IT FOOT (450 x 180 x 95mm)	1
	PRBBFF600	FIX-IT FOOT (600 x 180 x 95mm)	1
	PRBBFF1M	FIX-IT FOOT (1000 x 180 x 95mm)	1

Rooftop Support Big Foot			
	**Code**	**Description**	**Qty Pkt**
	PRBFFS	Small Big Feet 305mm Set	
	PRBBMF	BF Multi Frame 1m x 1.2m Cross bar	1

CONSUMABLES

AC Bases			
	**Code**	**Description**	**Qty Pkt**
	POLYEZY	Ezyslab Black 930 x 480 x 50mm	1
	POLYMZ24	Black Walkway Matrix - 400x1200mm	1

Aircon Guards - Galvanised			
	**Code**	**Desciption**	**Qty**
	FRFACG10	W1200 x H1000 x D600mm Air Con Guard	1
	FRFACG12	W1200 x H1200 x D600mm Air Con Guard	1
	FRFACG14	W1200 x H1400 x D600mm Air Con Guard	1
	FRFACG16	W1200 x H1600 x D600mm Air Con Guard	1
	FRFACG9	W1000 x H900 x D600mm Air Con Guard	

Aircon Guards - Powder Coated			
	**Code**	**Desciption**	**Qty**
	FRFACL12	W1200 x H1200 x D600mm Black Air Con Guard	1
	FRFACL14	W1150 x H1400 x D600mm Black Air Con Guard	1
	FRFACL16	W1200 x H1600 x D600mm Black Air Con Guard	1
	FRFACL8	W1200 x H800 x D600mm Black Air Con Guard	1

Kilargo Products			
	**Code**	**Desciption**	**Qty**
	SILFRFDSTCKER	Kilargo Installer Sticker	1
	SILFRHPT	300ml KILARGO MASTIC	1

Drain Adaptors			
	**Code**	**Desciption**	**Qty**
	HOSECPK6	Drain Tube Adaptor 6mm to15/20mm	1
	HOSECPK10	Drain Tube Adaptor 10mm to15/20mm	1

CONSUMABLES

Gas Refillables			
	**Code**	**Desciption**	**Qty**
	XRGASTR3208	8KG OF R32 GAS REFILLABLE	1
	XRGASTR41010	10KG OF 410A GAS REFILLABLE	1
	XRGASTR410A18	18KG OF 410A GAS REFILLABLE	1
	FRFACL8	W1200 x H800 x D600mm Black Air Con Guard	1

Braced Cantilever Brackets			
	**Code**	**Description**	**Qty**
	CAB320	320mm Braced Cantilever Bracket HDG	2
	CAB470	470mm Braced Cantilever Bracket HDG	2
	CAB635	635mm Braced Cantilever Bracket HDG	2
	CAB780	780mm Braced Cantilever Bracket HDG	2
	CAB935	935mm Braced Cantilever Bracket HDG	2
	CAB320S	320mm Braced Cantilever Bracket SS316	2
	CAB470S	470mm Braced Cantilever Bracket SS316	2
	CAB635S	635mm Braced Cantilever Bracket SS316	2
	CAB780S	780mm Braced Cantilever Bracket SS316	2

Unbraced Cantilever Brackets			
	**Code**	**Description**	**Qty**
	CA0300	300mm Unbraced Cantilever Bracket HDG	2
	CA0450	450mm Unbraced Cantilever Bracket HDG	2
	CA0600	600mm Unbraced Cantilever Bracket HDG	2
	CA0750	750mm Unbraced Cantilever Bracket HDG	2
	CA0900	900mm Unbraced Cantilever Bracket HDG	2
	CA0150S	150mm Unbraced Cantilever Bracket SS316	2
	CA0600S	600mm Unbraced Cantilever Bracket SS316	2
	CA0750S	750mm Unbraced Cantilever Bracket SS316	2
	CA0900S	900mm Unbraced Cantilever Bracket SS316	2

Back to Back Cantilever Brackets			
	**Code**	**Description**	**Qty**
	CABB300	300mm Back to Back Cantilever Bracket	1
	CABB450	450mm Back to Back Cantilever Bracket	1
	CABB600	600mm Back to Back Cantilever Bracket	1
	CABB750	750mm Back to Back Cantilever Bracket	1
	CABB900	900mm Back to Back Cantilever Bracket	1

CONSUMABLES

Studding Clip | M10			
	Code	Description	Qty Pkt
	PRPS038	10mm M10 Studding Clip	10
	PRPS012	12mm M10 Studding Clip	10
	PRPS058	15mm STUDDING (M10) CLIP	10
	PRPS080	20-24mm STUDDING (M10) CLIP	10
	PRPS034	20mm STUDDING (M10) CLIP	10
	PRPS078	22mm STUDDING (M10) CLIP	10
	PRPS120	25-28mm STUDDING (M10) CLIP	10
	PRPS1	25mm STUDDING (M10) CLIP	10
	PRPS112	38mm STUDDING (M10) CLIP	10
	PRPS114	32mm STUDDING (M10) CLIP	10
	PRPS118	28mm STUDDING (M10) CLIP	10
	PRPS138	35mm STUDDING (M10) CLIP	10
	PRPS158	42mm STUDDING (M10) CLIP	10
	PRPS2	51mm M10 Studding Clip	10
	PRPS218	54mm M10 Studding Clip	10

Rapid Positioning Insul Clip			
	Code	Desription	Qty
	PRPI014	6mm (1/4) Rapid Pos Insul Clip	10
	PRPI038	10mm (3/8) Rapid Pos Insul Clip	10
	PRPI012	12mm (1/2) Rapid Pos Insul Clip	10
	PRPI058	15mm (5/8) Rapid Pos Insul Clip	10
	PRPI034	20mm (3/4) Rapid Pos Insul Clip	10
	PRPI078	22mm (7/8) Rapid Pos Insul Clip	10
	PRPI1	25mm (1) Rapid Pos Insul Clip	10
	PRPI118	28mm (1 1/8) Rapid Pos Insul Clip	10
	PRPI114	32mm (1 1/4) Rapid Pos Insul Clip	10
	PRPI138	35mm (1 3/8) Rapid Pos Insul Clip	10
	PRPI112	38mm (1 1/2) Rapid Pos Insul Clip	10
	PRPI158	42mm (1 5/8) Rapid Pos Insul Clip	10
	PRPI2	51mm (2) Rapid Pos Insul Clip	10
	PRPI218	54mm (2 1/8) Rapid Pos Insul Clip	10

CONSUMABLES

Rubber Lined Channel Clips		
	**Code**	**Desciption**
	CHR010	9.5mm (3/8) RUBBER LINED CL
	CHR012	12.7mm (1/2) RUBBER LINED CL
	CHR016	15.8mm (5/8) RUBBER LINED CL
	CHR020	19mm (3/4) RUBBER LINED CL
	CHR022	22mm (7/8) RUBBER LINED CL
	CHR025	25mm (1) RUBBER LINED CL
	CHR028	28mm (1 1/8) RUBBER LINED CL
	CHR032	32mm (1 1/4) RUBBER LINED CL
	CHR035	35mm (1 3/8) RUBBER LINED CL
	CHR038	38mm (1 1/2) RUBBER LINED CL
	CHR041	41mm (1 5/8) RUBBER LINED CL
	CHR050	50mm (2) RUBBER LINED CL
	CHR060	60mm (2 1/2) RUBBER LINED CL
	CHR075	76mm (3) RUBBER LINED CL
	CHR090	88mm (3 1/2) RUBBER LINED CL
	CHR110	108-114.3mm RUBBER LINED CL
	CHR125	125-138.9mm RUBBER LINED CL
	CHR150	159-165.2mm RUBBER LINED CL

Quick Positioning Hangers | M10		
	**Code**	**Desciption**
	PRQPH1118	Quick Pos Hanger 1 - 1 1/8 PIPE O/D

Wall Brackets			
	**Code**	**Desciption**	**Qty**
	CAS400	Wall Bracket Powder Coated 150kg 450mm Arm	1
	CAS450	Wall Bracket Powder Coated 180kg 460mm Arm	1
	CAS550	Wall Bracket Powder Coated 180kg 560mm Arm With Brace	1
	CAS650	Wall Bracket Powder Coated 250kg 550mm Arm	1
	CAS450S	Wall Bracket S/Steel 460mm Bracket With Cross Bar	1
	CAS550S	Wall Bracket S/Steel 250kg 560mm Arm	1
	CAS650S	Wall Bracket S/Steel 304 250kg 550mm Arm	1

Roof Brackets			
	**Code**	**Desciption**	**Qty**
	CARPC3	Roof Bracket 150kg 580x580x780 Coated	1
	CARS314	Roof Bracket 150kg 304 S/Steel	1
	CARS316	Roof Bracket 150kg 316 S/Steel	1
	CARZ150	Long Sloped Roof Bracket 150kg	1

CONSUMABLES

LT3 STD Laddertray



Code	Size	Code	Size
CLSTD150	150mm Galvanised	CLSTD150G	150mm Hot Dipped Gal
CLSTD300	300mm Galvanised	CLSTD300G	300mm Hot Dipped Gal
CLSTD400	450mm Galvanised	CLSTD400G	450mm Hot Dipped Gal
CLSTD600	600mm Galvanised		

LT3 Splices



Code	Size
CLSTSG	Splice Fish Plate
CLSTSH	Splice Fish Plate HDG

LT3 Hold Down



Code	Size
CLSTDHDG	Hold Down
CLSTDHDH	Hold Down HDG

Laddertray Link Plate



Code	Size
CLSTDRLG	Link Plate
CLSTDRLGH	Link Plate HDG

LT3 Radius Plate



Code	Size
CLSTRPG	Link Plate

Countersunk Laddertray Nut Zinc



Code	Size
CLSTNUT	Countersunk Nut

Cable Tray Tee



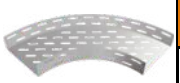
Code	Size
CLCTT300G	300mm Tee HDG
CLGBTT150	150mm Tee Gal

Cable Tray - Galvanised



Code	Size
CLGB75	75mm Galvanised
CLGB100	100mm Galvanised
CLGB150	150mm Galvanised
CLGB200	200mm Galvanised
CLGB225	250mm Galvanised
CLGB300	300mm Galvanised
CLGB450	450mm Galvanised
CLGB600	600mm Galvanised

Cable Tray Bend



Code	Size
CLGBTB150	150mm Bend

Cable Tray External Riser



Code	Size
CLGBTER150	150mm External Riser

Cable Tray Internal Riser



Code	Size
CLGBTIR150	150mm Internal Riser

Mechanical & Industrial Services

Channel Section - 1000 Series		
Code	**Description**	**Length (M)**
C1001GP	41x41 - HDG Back on Back - Plain	6
C100GP3	41x41x2.5 - HDG Channel Strut - Plain	3
C100GP6	41x41x2.5 - HDG Channel Strut - Plain	6
C100GS3	41x41x2.5 - HDG Channel Strut - Slotted	3
C100GS6	41x41x2.5 - HDG Channel Strut - Slotted	6
C100S3	41x41x2.5 - Pre-Gal Channel Strut - Slotted	3
C100S6	41x41x2.5 - Pre-Gal Channel Strut - Slotted	6
C100SS316	41x41x2.5 - S/Steel Channel Strut - Plain	6
C100TSS316	41x41x2.5 - Pre-Gal Channel Strut - Slotted	6

Channel Section - 3000 Series		
Code	**Description**	**Length (M)**
C330GS3	21x41x2.5 - HDG Channel Strut - Slotted	3
C330GS6	21x41x2.5 - HDG Channel Strut - Slotted	6
C330SS316	21x41x2.5 - S/Steel Channel Strut - Plain	6
C330TSS316	21x41x2.5 - S/Steel Channel Strut - Slotted	3

Channel Section - 4000 Series		
Code	**Description**	**Length (M)**
C400P6	21x41x1.6 - HDG Channel Strut - Plain	6
C400S3	21x41x1.6 - HDG Channel Strut - Slotted	3
C400S6	21x41x1.6 - HDG Channel Strut - Slotted	6



Plain



Slotted



Back On Back

Mechanical & Industrial Services

Unbraced Cantilever Bracket		
Code	Description	Size (mm)
CA0150	150mm Unbraced Cantilever Brkt - HDG	150
CA0300	300mm Unbraced Cantilever Brkt - HDG	300
CA0450	450mm Unbraced Cantilever Brkt - HDG	450
CA0600	600mm Unbraced Cantilever Brkt - HDG	600
CA0750	750mm Unbraced Cantilever Brkt - HDG	750
CA0900	900mm Unbraced Cantilever Brkt - HDG	900
CA0150S	150mm Unbraced Cantilever Brkt - S/Steel	150
CA0300S	300mm Unbraced Cantilever Brkt - S/Steel	300
CA0450S	450mm Unbraced Cantilever Brkt - S/Steel	450
CA0600S	600mm Unbraced Cantilever Brkt - S/Steel	600
CA0750S	750mm Unbraced Cantilever Brkt - S/Steel	750
CA0900S	900mm Unbraced Cantilever Brkt - S/Steel	900

Braced Cantilever Bracket		
Code	Description	Size (mm)
CAB320	320mm Braced Cantilever Brkt - HDG	320
CAB470	470mm Braced Cantilever Brkt - HDG	470
CAB635	635mm Braced Cantilever Brkt - HDG	635
CAB780	780mm Braced Cantilever Brkt - HDG	780
CAB935	935mm Braced Cantilever Brkt - HDG	935
CAB320S	320mm Braced Cantilever Brkt - S/Steel	320
CAB470S	470mm Braced Cantilever Brkt - S/Steel	470
CAB635S	635mm Braced Cantilever Brkt - S/Steel	635
CAB780S	780mm Braced Cantilever Brkt - S/Steel	780



Unbraced



Braced

Mechanical & Industrial Services

Back to Back Cantilever Bracket		
Code	**Description**	**Size (mm)**
CABB300	300mm Back to Back Cantilever Brkt	150
CABB450	450mm Back to Back Cantilever Brkt	300
CABB600	600mm Back to Back Cantilever Brkt	450
CABB750	750mm Back to Back Cantilever Brkt	600
CABB900	900mm Back to Back Cantilever Brkt	750

Combination Cantilever Bracket		
Code	**Description**	**Size (mm)**
CABM121	121mm Combination Cantilever Brkt - HDG	121
CABM206	206mm Combination Cantilever Brkt - HDG	206

Slotted Angle		
Code	**Description**	**Length (M)**
CASLT30	30x30x2.5mm Slotted Angle (11x18 Hole)	3
CASLT30G	30x30x2.5mm HDG Slotted Angle (11x18 Hole)	3
CASLT50	50x50x2.5mm Slotted Angle (14x30 Hole)	3
CASLT50G	50x50x2.5mm HDG Slotted Angle (14x30 Hole)	3



Slotted Angle



Combination Cantilever Bracket



Back on Back

Mechanical & Industrial Services

Cantilever Assembly Packs for Airconditioning Mounting	
	Pack Includes
CABASS1	4 x M10 Bolts, 4 x M10 Nuts, 4 x M10 Washers, 2 x Grey End CAPS
	Pack Includes
CABASS2	4 x M10 Bolts, 4 x M10 Nuts, 4 x M10 Washers, 2 x Grey End CAPS, 4 x 50mm Square Rubber Pads

Channel Nuts - Hot Dipped Galvanised					
Details	**Size**	**Short Spring**	**Long Spring**	**Plain**	**Qty Pkt**
		Code	**Code**	**Code**	
M6 Spring Nut	6	CNUT6SG	CNUT6LG	CNUT6NG	100
M8 Spring Nut	8	CNUT8SG	CNUT8LG	CNUT8NG	100
M10 Spring Nut	10	CNUT10SG	CNUT10LG	CNUT10NG	100
M12 Spring Nut	12	CNUT12SG	CNUT12LG	CNUT12NG	100
M16 Spring Nut	16			CNUT16NG	100

Channel Nuts - Zinc Plated					
Details	**Size**	**Short Spring**	**Long Spring**	**Plain**	**Qty Pkt**
		Code	**Code**	**Code**	
M6 Spring Nut	6	CNUT6ST	CNUT6LZ	CNUT6NZ	100
M8 Spring Nut	8	CNUT8ST	CNUT8LZ	CNUT8NZ	100
M10 Spring Nut	10	CNUT10ST	CNUT10LZ	CNUT10NZ	100
M12 Spring Nut	12	CNUT12ST	CNUT12LZ	CNUT12NZ	100
M16 Spring Nut	16			CNUT16NZ	100

Channel Nuts - Stainless Steel					
Details	**Size**	**Short Spring**	**Long Spring**	**Plain**	**Qty Pkt**
		Code	**Code**	**Code**	
M6 Spring Nut	6	CNUT6SS	CNUT6LSS	CNUT6PS	100
M8 Spring Nut	8	CNUT8SS	CNUT8LSS	CNUT8PS	100
M10 Spring Nut	10	CNUT10SS	CNUT10LS	CNUT10PS	100
M12 Spring Nut	12	CNUT12SS	CNUT12LSS	CNUT12PS	100



No Spring (Plain)



Short Spring



Long Spring

Mechanical & Industrial Services

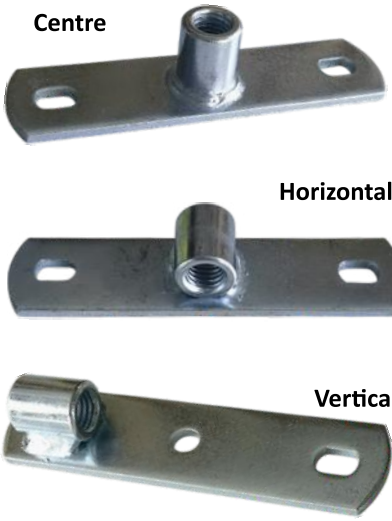
Self Drilling Threaded Rod Hangers	Details	Code	Qty Pkt
	Concrete Vertigo 6mm (6.5mm x 32mm)	VVCH06	100
	Concrete Vertigo 10mm (6.5mm x 38mm)	VVCH10	100
	Steel Vertigo 6mm	VVSH06	100
	Steel Vertigo 8mm With Nuts	VVSH08	100
	Steel Vertigo 10mm With Nuts	VVSH10	100
	Steel Vertigo (Side) 6mm	VSSH06	100
	Steel Vertigo (Side) 8mm With Nuts	VSSH08	100
	Steel Vertigo (Side) 10mm With Nuts	VSSH10	100
	Steel Vertigo (Side) 12mm With Nuts	VSSH12	100
	Wood Vertigo 6mm (1/4 x 50 Type 17)	VVWH06	100
	Wood Vertigo 8mm (1/4 x 50 Type 17)	VVWH08	100
	Wood Vertigo 10mm (1/4 x 25 Type 17)	VVWH10	100
	Wood Vertigo 10mm x 50mm	VVWH1050	100
	Wood Vertigo (Side) M10 (1/4 x 50 T17)	VSWH10	100
	Universal (Metal/Wood) Socket (Red)	VUSOCK	100

Purlin Clips	Details	Code	Qty
	M10 Lipped Purlin Hanger	PUR10	100
	M12 Lipped Purlin Hanger	PUR12	100
	M8 Golden Nut Punched Purlin Hanger	PYC08Z-NPG	100
	M10 Golden Nut Punched Purlin Hanger	PYC10Z-NPG	100
	M12 Golden Nut Punched Purlin Hanger	PYC12Z-NPG	100

Wedge Nuts	Details	Code	Qty
	M8 Zn Wedge Nut	WNUTM8	100
	M10 Zn Wedge Nut	WNUTM10	100
	M12 Zn Wedge Nut	WNUTM12	100
	M12 Zn Wedge Nut	WNUTM12	100

Twist Clips	Details	Code	Qty
	25mm Twist Clip	TWIST134	100
	32mm Twist Clip	TWIST168	100
	40mm Twist Clip	TWIST200	100
	50mm Twist Clip	TWIST237	100
	65mm Twist Clip	TWIST300	100
	80mm Twist Clip	TWIST350	100

Mechanical & Industrial Services

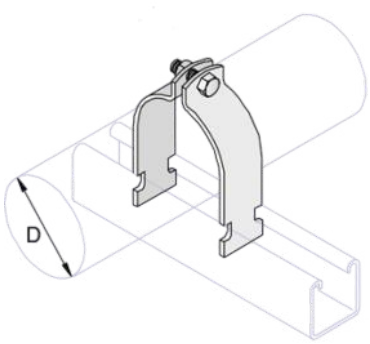
Mounting Plates	Details	Code	Qty
	M10 Zn Vertical Mounting Plate	MP10V	100
	M12 Zn Vertical Mounting Plate	MP12V	100
	M10 Zn Centre Mounting Plate	MP10C	100
	M12 Zn Centre Mounting Plate	MP12C	100
	M10 Zn Horizontal Mounting Plate	MP10H	100
	M12 Zn Horizontal Mounting Plate	MP12H	100
	M10 HDG Vertical Mounting Plate	MP10VG	100
	M12 HDG Vertical Mounting Plate	MP12VG	100
	M10 HDG Centre Mounting Plate	MP10CG	100
	M12 HDG Centre Mounting Plate	MP12CG	100
	M10 HDG Horizontal Mounting Plate	MP10HG	100
	M12 HDG Horizontal Mounting Plate	MP12HG	100
	M10 S/Steel Vertical Mounting Plate	MP10VS	100
	M12 S/Steel Vertical Mounting Plate	MP12VS	100
	M10 S/Steel Centre Mounting Plate	MP10CS	100
	M12 S/Steel Centre Mounting Plate	MP12CS	100
	M10 S/Steel Horizontal Mounting Plate	MP10HS	100
	M12 S/Steel Horizontal Mounting Plate	MP12HS	100

Beam Clamps	Details	Code	Qty
	M10 Zn Beam Clamp	BEAMHM10	1
	M12 Zn Beam Clamp	BEAMHM12	1
	M10 HDG Beam Clamp	BEAMHM10G	1
	M12 HDG Beam Clamp	BEAMHM12G	1

Closure Strip and Rubber Insulation			
	Details	Code	Qty
	Grey Plastic Closure Strip x 3 Mtrs	INSCLSR	1
	Insulation Rubber	INSRUB	1

Mechanical & Industrial Services

CHANNEL CLIPS	Actual Size	Hot Dipped Gal. Code	Stainless Steel Code	Actual Size	Hot Dipped Gal. Code	Stainless Steel Code
	12.7	CH0127G	CH0127S	101.6	CH1016G	CH1016S
	15		CH0150S	102	CH1020G	CH1020S
	17.1	CH0171G		111.1	CH1111G	CH1111S
	19.1	CH0191G	CH0191S	114.3	CH1143G	CH1143S
	21		CH0210S	127	CH1270G	CH1270S
	21.3	CH0213G		133	CH1320G	
	22	CH0220G	CH0220S	140	CH1400G	CH1400S
	24	CH0240G		152.4	CH1524G	CH1524S
	25.4	CH0254G	CH0254S	162	CH1620G	CH1620S
	27	CH0270G	CH0270S	165	CH1650G	CH1650S
	29.8	CH0298G	CH0298S	168	CH1681G	CH1681S
	31.8	CH0318G	CH0318S	178	CH1780G	CH1780S
	34.1	CH0341G	CH0341S	203	CH2300G	CH2300S
	38.1	CH0381G	CH0381S	219	CH2190G	CH2190S
	40	CH0400G	CH0400S	225	CH2250G	CH2250S
	42.8	CH0430G	CH0430S	228	CH2280G	
	46.4	CH0464G		250	CH2500G	CH2500S
	48.4	CH0484G	CH0484S	275	CH2750G	
	50.8	CH0508G	CH0508S	303	CH3030G	CH3030S
	57.1	CH0571G	CH0571S	315	CH3150G	CH3150S
	60.3	CH0603G	CH0603S	375		CH3750S
	63.5	CH0635G	CH0635S			
	67	CH0670G	CH0670S			
	69.8	CH0700G	CH0700S			
	73	CH0730G	CH0730S			
	76.2	CH0762G	CH0762S			
	79	CH0790G				
	82.5	CH0825G	CH0825S			
	86	CH0860G				
	88.9	CH0889G	CH0889S			
	98	CH0980G				





Mechanical & Industrial Services

Ferrule Blocks - 19mm Wall Thickness			
ID	OD	Code	Qty Pkt
6	46	FER006-46	1
9	48	FER009-49	1
13	51	FER013-51	1
16	57	FER016-57	1
20	57	FER020-57	1
22	60	FER022-60	1
25	63	FER025-63	1
27	67	FER027-67	1
32	70	FER032-70	1
34	73	FER034-73	1
38	76	FER038-76	1
42	79	FER042-79	1
48	86	FER048-86	1
51	89	FER051-89	1
54	89	FER054-89	1
60	98	FER060-98	1
64	102	FER064-102	1
67	102	FER067-102	1
76	114	FER076-114	1
89	127	FER089-127	1
102	140	FER102-140	1
115	152	FER115-152	1
127	165	FER127-165	1
140	178	FER140-178	1
168	203	FER168-203	1
219	250	FER219-250	1

Ferrule Blocks - 25mm Wall Thickness			
ID	OD	Code	Qty Pkt
6	57	FER006-57	1
9	60	FER009-60	1
13	63	FER013-63	1
16	67	FER016-67	1
20	70	FER020-70	1
22	73	FER022-73	1
25	76	FER025-76	1
27	76	FER027-76	1
32	83	FER032-83	1
34	83	FER034-83	1
38	89	FER038-89	1
42	89	FER042-89	1
48.00	98	FER048-98	1
51.00	102	FER051-102	1
54.00	102	FER054-102	1
60.00	110	FER060-110	1
64.00	114	FER064-114	1
67.00	114	FER067-114	1
76	127	FER076-127	1
89	140	FER089-140	1
127	178	FER127-178	1
140	203	FER140-203	1
154	203	FER154-203	1
168	220	FER168-220	1
203	250	FER204-250	1
219	275	FER219-275	1

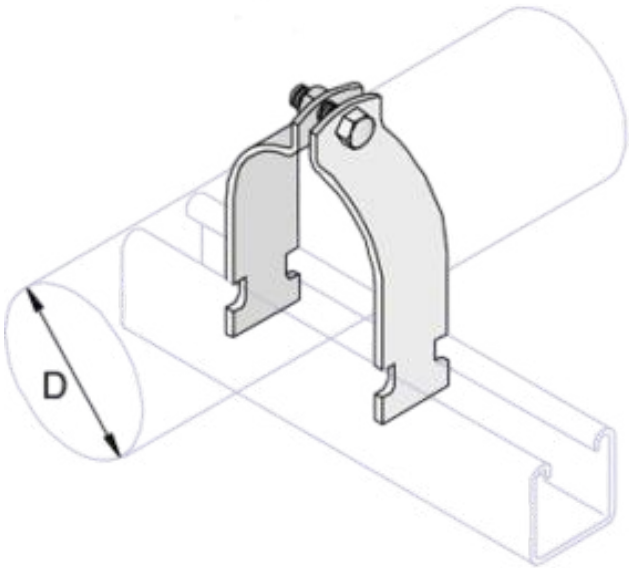




Mechanical & Industrial Services

Ferrule Blocks - 25mm Wall Thickness			
ID	OD	Code	Qty Pkt
6	57	FER006-57	1
9	60	FER009-60	1
13	63	FER013-63	1
16	67	FER016-67	1
20	70	FER020-70	1
22	73	FER022-73	1
25	76	FER025-76	1
27	76	FER027-76	1
32	83	FER032-83	1
34	83	FER034-83	1
38	89	FER038-89	1
42	89	FER042-89	1
48.00	98	FER048-98	1
51.00	102	FER051-102	1
54.00	102	FER054-102	1
60.00	110	FER060-110	1
64.00	114	FER064-114	1
67.00	114	FER067-114	1
76	127	FER076-127	1
89	140	FER089-140	1
127	178	FER127-178	1
140	203	FER140-203	1
154	203	FER154-203	1
168	220	FER168-220	1
203	250	FER204-250	1
219	275	FER219-275	1

Ferrule Blocks - 30mm Wall Thickness			
ID	OD	Code	Qty Pkt
16	76	FER016-76	1
20	80	FER020-80	1
22	83	FER022-83	1
25	86	FER025-86	1
27	89	FER027-89	1
32	89	FER032-89	1
34	98	FER034-98	1
38	98	FER038-98	1
42	102	FER042-102	1







Mechanical & Industrial Services

Ferrule Blocks - 40mm Wall Thickness			
ID	OD	Code	Qty Pkt
13	19	FER013-92	1
16	98	FER016-98	1
20	102	FER020-102	1
22	102	FER022-102	1
25	102	FER025-102	1
27	111	FER027-111	1
32	111	FER032-111	1
34	114	FER034-114	1
38	114	FER038-114	1
42	127	FER042-127	1
48	127	FER048-127	1
51	132	FER051-132	1
54	132	FER054-132	1
60	140	FER060-140	1
64	140	FER064-140	1
67	152	FER067-152	1
76	152	FER076-152	1
89	168	FER089-168	1
102	178	FER102-178	1
115	203	FER115-203	1
127	203	FER127-203	1
140	220	FER140-220	1
154	250	FER154-250	1
168	250	FER168-250	1
204	283	FER204-283	1
219	303	FER219-303	1
254	355	FER254-355	1
273	355	FER273-355	1
28	107	FER28-107	1
305	375	FER305-375	1
324	400	FER324-400	1
34	114	FER34-114	1
355	400	FER355-400	1
42	127	FER42-127	1





Custom sizes are available and made to order

Mechanical & Industrial Services

Square Washer



Hot Dipped Galvanised		
Code	Hold Dia	Alt Code
SX001	M12	P1064H

Details		
Length	Height	Holes
40	40	1

Angle Fitting



Hot Dipped Galvanised	
Code	Alt Code
SX006	

Details		
Length	Height	Holes
50	48	2

Flate Plate Fitting



Hot Dipped Galvanised	
Code	Alt Code
SX002	P1065H

Details		
Length	Height	Holes
90	40	2

Angle Fitting



Hot Dipped Galvanised	
Code	Alt Code
SX007	

Details		
Length	Height	Holes
104	89	4

Flat Plate Fitting



Hot Dipped Galvanised	
Code	Alt Code
SX003	P1066H

Details		
Length	Height	Holes
138	40	3

Base Plate



Hot Dipped Galvanised	Qty
Code	Pkt
SX008	100

Details		
Width	Length	Thickness
40	126	5

Flat Plate Fitting



Hot Dipped Galvanised	
Code	Alt Code
SX004	P1067H

Details		
Length	Height	Holes
186	40	4

L Plated Braced



Hot Dipped Galvanised	
Code	Alt Code
SX009	P2484H

Details
102 x 102 x 6 | 6 Holes

5 Holes Plate



Hot Dipped Galvanised	
Code	Alt Code
SX005	

Details
210 x 40 | 5 Holes

Square Saddle



Hot Dipped Galvanised	
Code	Alt Code
SX010	

Details
43 x 41 | 5 Holes

Mechanical & Industrial Services

L Flat Plate



Hot Dipped Galvanised	
Code	Alt Code
SX011	P1036H

Details		
Length	Height	Holes
90	90	3

Z Bracket



Hot Dipped Galvanised	
Code	Alt Code
SX016	

Details		
Length	Height	Holes
41	41	1

T Flat Plate Fitting



Hot Dipped Galvanised	
Code	Alt Code
SX012	P1031H

Details		
Length	Height	Holes
138	90	4

Double Base Plate



Hot Dipped Galvanised	Qty Pkt
Code	
SX017	1

Details		
Width	Length	Holes
40	89	6

G Cramp Bracket



Hot Dipped Galvanised	
Code	Alt Code
SX013	

Details		
Width	Height	Holes
41	41	1

U Shaped Bracket



Hot Dipped Galvanised	
Code	Alt Code
SX018	

Details		
Length	Height	Holes
41	21	3

Beam Clamp Support



Hot Dipped Galvanised	
Code	Alt Code
SX014	

45 Degree Angle Plate



Hot Dipped Galvanised	
Code	Alt Code
SX019	P1546H

Details
76 x 60 x 6 | 2 Holes

Angle Fitting 90 Degrees



Hot Dipped Galvanised	
Code	Alt Code
SX015	P1346H

Details
48 x 98 x 6 | 3 Holes

Wing Shaped Bracket



Hot Dipped Galvanised	
Code	Alt Code
SX020	

Details
76 x 60 x 6 | 2 Holes

Mechanical & Industrial Services

4 Hole Post Base



Hot Dipped Galvanised	Qty Pkt
Code	
SX021	1

Details		
Width	Length	Thickness
40	137	6

Angle Fitting



Hot Dipped Galvanised	
Code	Alt Code
SX031	P1359H

Details
41 x 90 x 105 x 6 | 4 Holes

Electrical Hanger Fitting



Hot Dipped Galvanised	Qty Pkt
Code	
SX022	1

Details		
Width	Length	Thickness
40	69	6

21 x 41 Plastic End



For C3000/C4000 Series	Qty Pkt
Code	
END2141	1

Details		
Width	Length	Thickness
21	41	2

Splice Fitting External Joiner



Hot Dipped Galvanised	Qty Pkt
Code	
SX023	1

41 x 41 Plastic End



For C1000/C2000 Series	Qty Pkt
Code	
END4141	1

Details		
Width	Length	Thickness
41	41	2

Internal Channel Joiner



Hot Dipped Galvanised	Qty Pkt
Code	
SX024	1

62 x 41 Plastic End



For C5000 Series	Qty Pkt
Code	
END5041	1

Details		
Width	Length	Thickness
62	41	2

Flate Plate Fitting



Hot Dipped Galvanised	
Code	Alt Code
SX028	P1358H

Details		
Length	Height	Holes
90	138	4



M-FLEX FR

Pipe Insulation Technical Guide

FIRE RATED NITRILE RUBBER THERMAL INSULATION



Foreword

The evolution of closed cell elastomeric foam, first developed in the early 1900s, has had a dramatic impact on the insulation industry. The most notable reason for this is its high moisture resistance, the result of its cellular structure - millions of tiny barriers that resist the migration of liquid. This characteristic not only minimizes the threats associated with moisture (such as mold), but it also ensures steady, long-term thermal performance. Liquid has a high heat transference capability; hence, wet insulation provides very little insulation at all. Closed cell elastomeric foam has strong water vapor permeability to resist moisture absorption, so neither its performance nor its durability is impaired by the presence of moisture in a heating, ventilating, and air-conditioning (HVAC), plumbing, or refrigeration system.



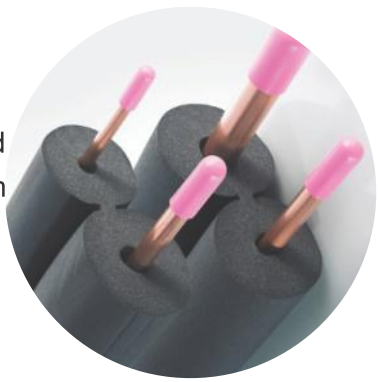
Thermal Conductivity

Thermal conductivity value is the most important physical feature of insulation materials, which represents the thermal conductivity ability of materials when heating is stable. Different materials have different values. The lower thermal conductivity value, the better insulation performance. Mflex products can reach the value as low as 0.032W/mk.

Water Vapor Transmission

Water vapor transmission represents the ability of resisting permeation of water vapor. The higher value of water vapor transmission, the less chance for them passing through the material. Thus, it can provide the stability of thermal conductivity value in a long time, prolong the using life of insulation materials. The water vapor transmission of Mflex reaches as high as 10,000.

Closed Cell Structure



The closed-cell foam structure of Mflex prevents moisture from wicking or transferring from the surface of the insulation to the surface of the pipe or duct. This means that water won't be trapped next to the metal, causing corrosion and eventual damage to the system. Because of its non-permeable, closed-cell foam structure, no additional vapor retarder is required to protect Mflex insulation, saving the installer time and cladding material cost. Unlike fibrous insulation, which loses R-value and must be replaced when it becomes wet, Mflex performance stays the same, regardless of surface punctures or exposure to moisture.

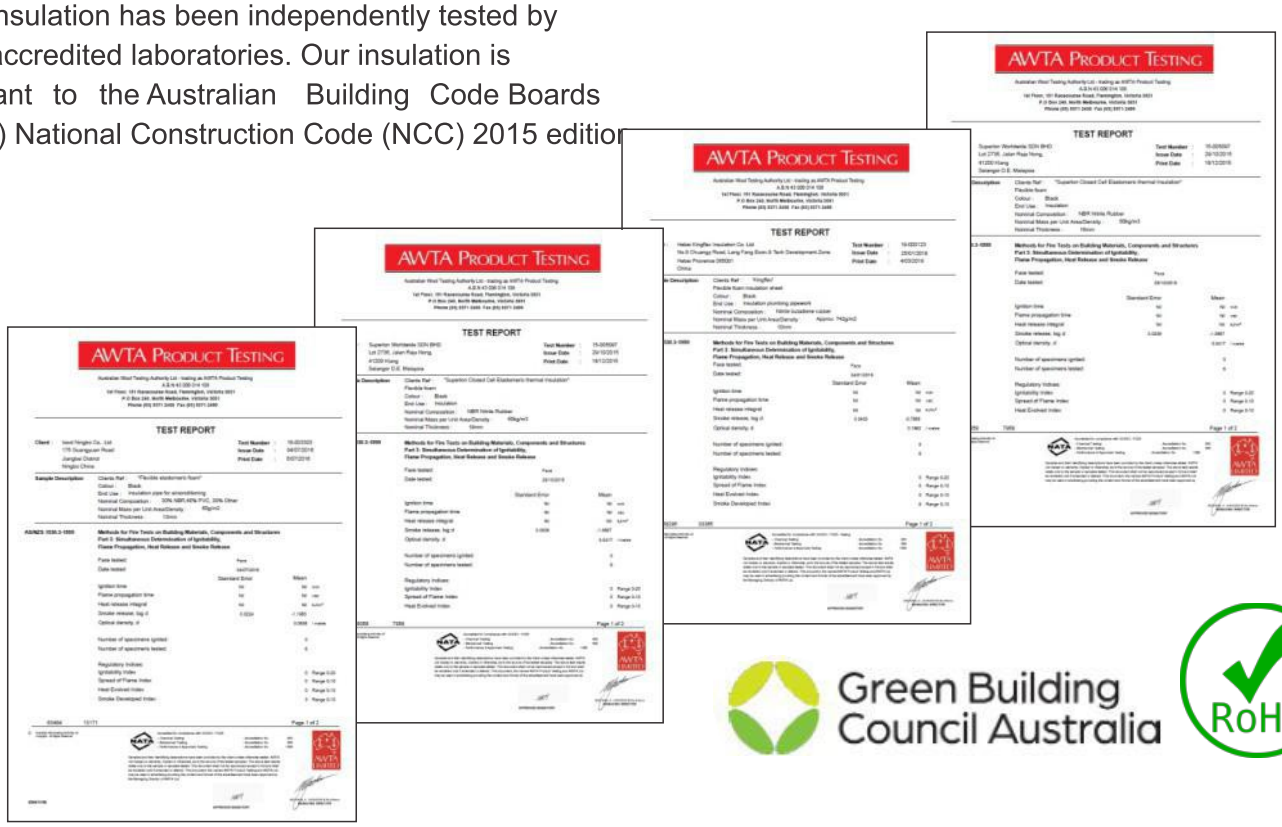
TECHNICAL SPECIFICATIONS

Mflex Insulation conforms to the requirements of the Building Code of Australia (Vol) 1, of the National Construction Code (NCC) 2015. Mflex Insulation is a closed cell extruded nitrile based rubber that exhibits better thermal conductivity as the air inside the closed cells has lower mobility than that produced in open Cells.

TECHNICAL SPECIFICATION FOR MFLEX INSULATION FR		
Construction	Closed Cell	
Density	30% NRB 40%	NC 30% other
Temperature Range	-183º to 105º	
Thermal Conductivity	λ=0.40W/ (m.k) @ +20º C λ=0.40W/ (m.k) @ 0º C λ=0.40W/ (m.k) @ +20º C	AS4859.1 EN12667 ASTMC 177
Water Vapour Diffusion Resistance Factor	μ ≥ 10,000	ASTME 96
Fire Performance	Class 1 – Complies with the fire hazard requirements of the Building Code of Australia	AS1530.3
Reaction to Fire	Self Extinguishing	
Environmental	Zero Ozone Depleting Potential (ODP), Low VOC	DIN ISO 16000-6
Fungal / Mold Resistance	Resistant	Anti Microbial JISZ 2801

CERTIFICATION AND TESTING

Mflex Insulation has been independently tested by NATA accredited laboratories. Our insulation is compliant to the Australian Building Code Boards (ABCB) National Construction Code (NCC) 2015 editio



Green Building Council Australia

RoHS





MFLEX FR INSULATION R-VALUES

R-value is the measure of thermal resistance used for the building and construction industry. It measures a material's ability to resist heat flow. The higher the R-value, the higher the thermal resistance and insulating effect. The Building Code of Australia and other Australian standards specify R-values to help determine what insulation material and thickness should be used. The Building Code of Australia lists the requested R-values for pipe insulation in Specification J5. The fire ratardant performance of Mflex FR insulation pipe complies with AS1530.3-1999.

PIPE INSULATION								
Nominal ID		Insulation Wall Thickness						
Inches	mm	3/8" 10	1/2" 13	3/4" 19	1" 25	1 1/4" 32	1 1/2" 38	2 " 50
1/4"	6	0.53	0.75	1.28	1.89	-	-	-
3/8"	10	0.46	0.64	1.09	1.62	-	-	-
1/2"	13	0.43	0.60	1.03	1.50	-	-	-
5/8"	16	0.41	0.57	0.99	1.41	1.80	2.25	3.29
3/4"	19	0.39	0.54	0.93	1.34	1.71	2.14	3.13
7/8"	22	0.38	0.52	0.88	1.28	1.64	2.04	2.99
1"	25	0.37	0.51	0.86	1.24	1.58	1.97	2.88
1 1/8"	28	0.36	0.50	0.83	1.20	1.53	1.91	2.79
1 1/4"	32	0.35	0.48	0.82	1.16	1.47	1.83	2.68
1 3/8"	35	0.35	0.47	0.80	1.13	1.44	1.79	2.61
1 1/2"	38	0.34	0.47	0.76	1.08	1.41	1.75	2.55
1 5/8"	42	0.34	0.46	0.75	1.08	1.37	1.70	2.48
1 7/8"	47	0.33	0.45	0.73	0.98	1.33	1.65	2.40
2"	51	0.33	0.44	0.72	1.05	1.31	1.62	2.35
2 1/8"	54	0.33	0.44	0.71	1.02	1.29	1.60	2.31
2 3/8"	60	0.32	0.43	0.70	1.00	1.26	1.55	2.25
2 5/8"	67	0.32	0.43	0.69	0.98	1.23	1.51	2.18
2 7/8"	73	0.31	0.42	0.68	0.90	1.20	1.48	-
3"	76	0.31	0.42	0.68	0.96	1.19	1.47	-
3 1/8"	80	0.31	0.42	0.66	0.95	1.18	1.46	-
3 1/2"	89	0.31	0.41	0.65	0.93	1.16	1.42	-
4"	101	0.31	0.41	0.64	0.93	-	-	-

FLAT SHEET INSULATION		
Thickness		R-Value
Inches	mm	
1/8"	3	0.08
1/4"	6	0.17
3/8"	10	0.28
1/2"	13	0.36
5/8"	16	0.45
3/4"	19	0.53
1"	25	0.70
1 1/4"	32	0.89
1 1/2"	38	1.06
2"	50	1.42



M-FLEX FR
Insulation

9MM WALL	Mflex FR
Product Code	ID (mm)
TINS14	6
TINS38	10
TINS12	12
TINS58	15
TINS34	20
TINS78	22
TINS10	25
TINS118	28
TINS114	32
TINS138	35
TINS112	40
TINS158	42
TINS20	50
TINS218	54
TINS238	60
TINS212	64
TINS258	67
TINS3	76
TFR9INS318	80

13MM WALL	Mflex FR
Product Code	ID (mm)
TFR13INS14	6
TFR13INS38	10
TFR13INS12	12
TFR13INS58	15
TFR13INS34	20
TFR13INS78	22
TFR13INS1	25
TFR13INS118	28
TFR13INS114	32
TFR13INS138	35
TFR13INS112	40
TFR13INS158	42
TFR13INS2	50
TFR13INS218	54
TFR13INS238	60
TFR13INS258	67
TFR13INS3	76
TFR13INS318	80
TFR13INS312	89
TFR13INS378	101
TFR13INS412	114

19MM WALL	Mflex FR
Product Code	ID (mm)
TFRINS14	6
TFRINS38	10
TFRINS12	13
TFRINS58	15
TFRINS34	20
TFRINS78	22
TFRINS1	25
TFRINS118	28
TFRINS114	32
TFRINS138	35
TFRINS112	40
TFRINS158	42
TFRINS2	50
TFRINS218	54
TFRINS238	60
TFRINS258	67
TFRINS3	76
TFRINS318	80
TFRINS312	89
TFRINS378	101
TFRINS412	114

Green Building Council Australia

FM APPROVED



M-FLEX FR
Insulation

25MM WALL	Mflex FR
Product Code	ID (mm)
TFR25INS14	6
TFR25INS38	10
TFR25INS12	12
TFR25INS58	15
TFR25INS34	20
TFR25INS78	22
TFR25INS1	25
TFR25INS118	28
TFR25INS114	32
TFR25INS138	35
TFR25INS112	40
TFR25INS158	42
TFR25INS2	50
TFR25INS218	54
TFR25INS238	60
TFR25INS212	64
TFR25INS258	67
TFR25INS3	76
TFR25INS318	80
TFR25INS312	89
TFR25INS378	101
TFR25INS412	114

32MM WALL	Mflex FR
Product Code	ID (mm)
TFR32INS38	10
TFR32INS12	12
TFR32INS58	15
TFR32INS34	20
TFR32INS78	22
TFR32INS1	25
TFR32INS118	28
TFR32INS114	32
TFR32INS138	35
TFR32INS112	40
TFR32INS158	42
TFR32INS2	50
TFR32INS218	54
TFR32INS238	60
TFR32INS258	67
TFR32INS3	76
TFR32INS318	80
TFR32INS312	89
TFR32INS378	101
TFR32INS412	114

38MM WALL	Mflex FR
Product Code	ID (mm)
TF38RINS58	15
TF38RINS34	20
TF38RINS78	22
TFR38INS1	25
TF38RINS118	28
TF38RINS114	32
TF38RINS138	35
TF38RINS112	40
TF38RINS158	42
TF38RINS2	50
TF38RINS218	54
TF38RINS238	60
TF38RINS258	67
TF38RINS3	76
TF38RINS318	80
TF38RINS312	89
TF38RINS378	101
TF38RINS412	114

Green Building Council Australia

FM APPROVED

19MM WALL (Foil)	Mflex FR
Product Code	ID (mm)
TFF19INS34	20
TFF19INS10	25
TFF19INS114	32
TFF19INS112	38
TFF19INS20	51
TFF19INS312	89

40MM WALL (Foil)	Mflex FR
Product Code	ID (mm)
TFF40INS012	12
TFF40INS34	20
TFF40INS100	25
TFF40INS118	28
TFF40INS114	32
TFF40INS138	35
TFF40INS112	38
TFF40INS158	42
TFF40INS200	51
TFF40INS218	54
TFF40INS238	60
TFF40INS250	63
TFF40INS212	64
TFF40INS258	67
TFF40INS300	76
TFF40INS312	89
TFF40INS400	102
TFF40INS600	152

25MM WALL (Foil)	Mflex FR
Product Code	ID (mm)
TFF25INS12	12
TFF25INS58	16
TFF25INS34	20
TFF25INS78	22
TFF25INS10	25
TFF25INS118	28
TFF25INS114	32
TFF25INS138	34
TFF25INS112	38
TFF25INS158	42
TFF25INS2	51
TFF25INS215	60
TFF25INS212	63
TFF25INS250	64
TFF25INS3	76
TFF25INS315	89
TFF25INS4	102

30MM WALL (Foil)	Mflex FR
Product Code	ID (mm)
TFF30INS34	20
TFF30INS78	22
TFF30INS10	25
TFF30INS118	28
TFF30INS114	32
TFF30INS138	35
TFF30INS150	38
TFF30INS158	42
TFF30INS20	51

50MM WALL (Foil)	Mflex FR
Product Code	ID (mm)
TFF50INS112	38
TFF50INS200	51
TFF50INS212	64
TFF50INS300	76
TFF50INS312	89
TFF50INS400	102
TFF50INS500	127
TFF50INS600	152
TFF50INS800	203



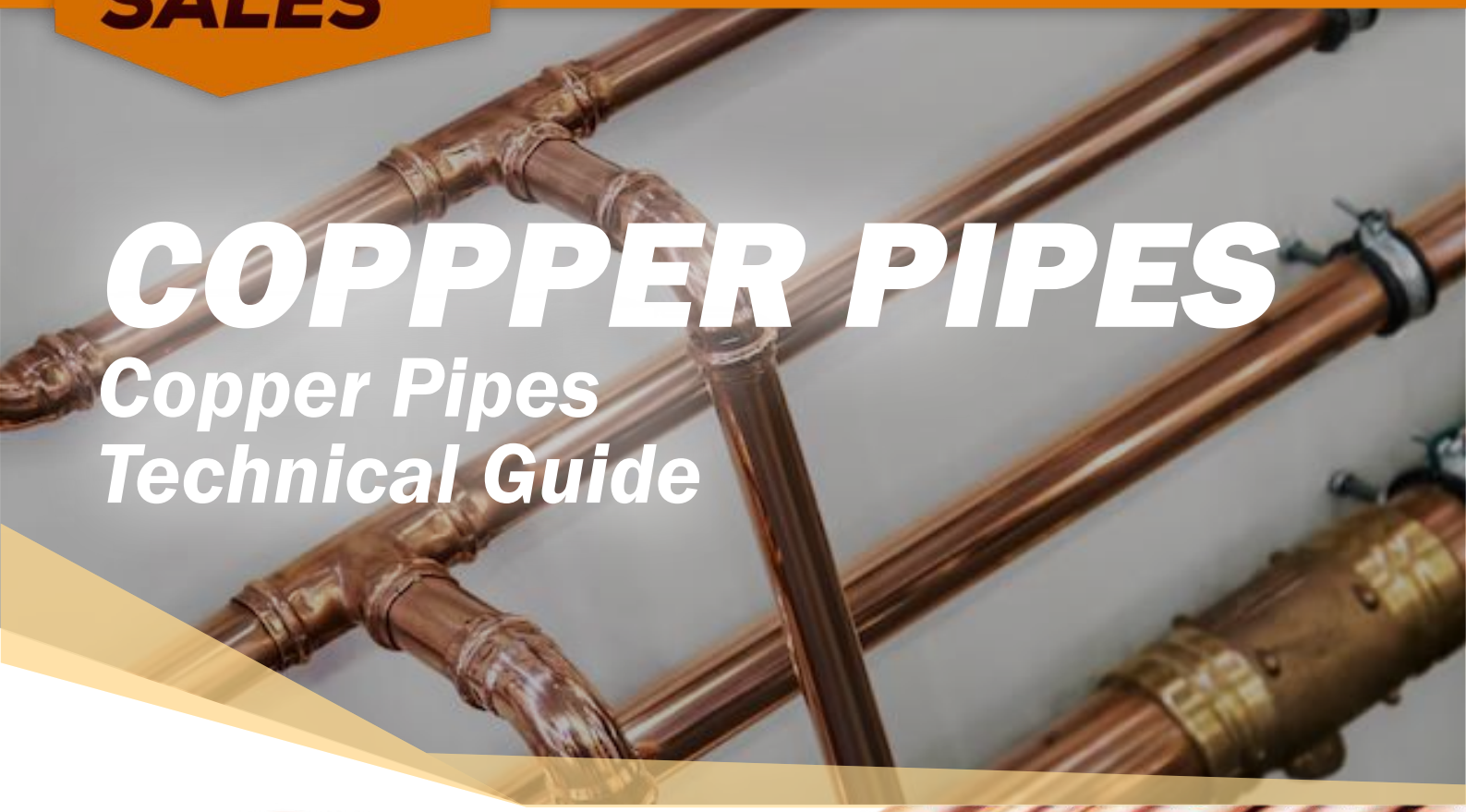
The Building Code of Australia (2005) provides a fire specification for fire testing of materials: Specification A2.4 (Fire Hazard Properties).

This requires that materials are tested under the standard AS/NZS 1530.3, and meet stringent requirements for indices of both Spread-of-Flame and Smoke-Developed.

AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing
A.B.N 43 006 014 106

Ignitability Index	0	Range 0-20
Spread of Flame Index	0	Range 0-10
Heat Evolved Index	0	Range 0-10
Smoke Developed Index	3	Range 0-10



COPPPER PIPES

Copper Pipes Technical Guide



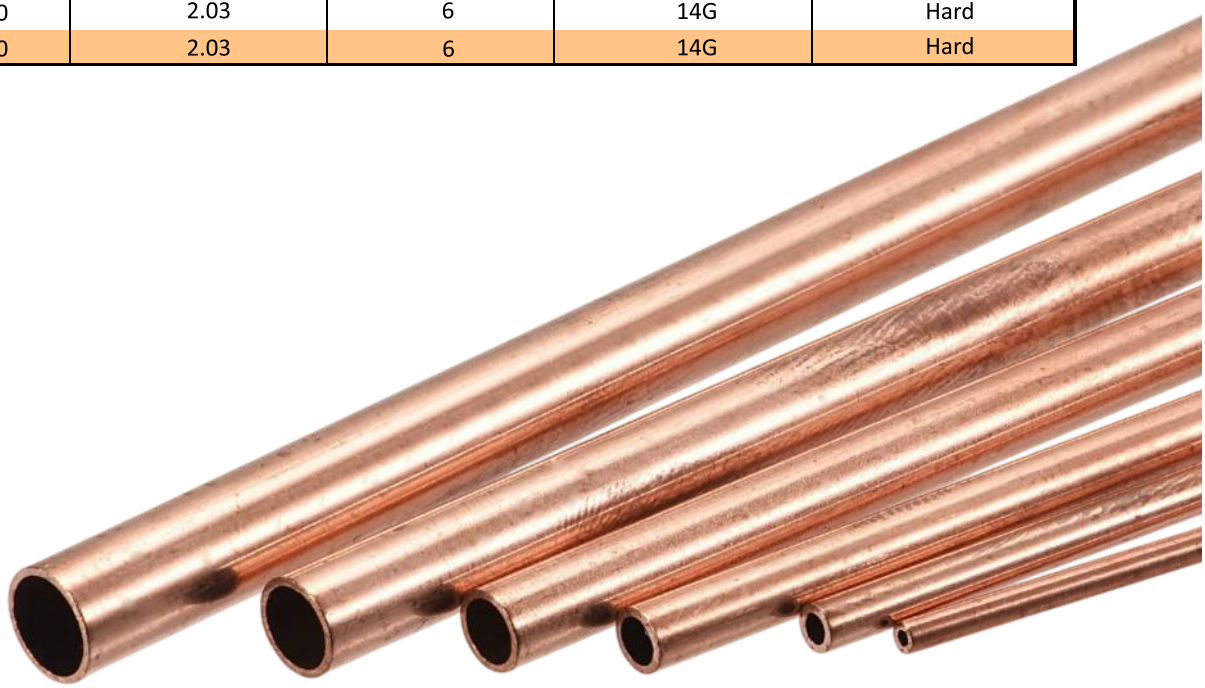
PLUMBING COPPER TUBE
AS/NZS 1432

APPLICATION

Arrow Sales seamless copper tube manufactured to Australian Standard AS 1432 is suitable for use in pressure and non-pressure plumbing, gas fitting, and drainage applications. We stock sizes from 6.35mm to 203.2mm in different wall thickness. Arrow Sales copper tube is available in hard drawn straight lengths, bendable quality straight lengths and annealed coils. All Arrow Sales plumbing copper tubes are made of pure copper and are lead free, which is ideal for drinking water.

SPECIFICATION TABLE

Outside Diameter		Wall Thickness	Length	Gauge	Temper
inch	mm	mm	m		
5/8	15.88	1.02	6	19G	Bendable
3/4	19.05	1.02	6	19G	Bendable
1	25.40	1.22	6	18G	Hard
1 1/4	31.75	1.22	6	18G	Hard
1 1/2	38.10	1.22	6	18G	Hard
2	50.80	1.22	6	18G	Hard
2 1/2	63.50	1.22	6	18G	Hard
3	76.20	1.63	6	16G	Hard
4	101.60	1.63	6	16G	Hard
5	127.00	1.60	6	16G	Hard
6	152.40	2.03	6	14G	Hard
8	203.20	2.03	6	14G	Hard



REFRIGERATION COPPER TUBE
AS/NZS 1571

APPLICATION

Arrow Sales refrigeration seamless copper tube is manufactured to Australian Standard AS/NZA 1571 and is suitable for use in high and low pressure air conditioning, refrigeration and mechanical services. We stock sizes from 6.35mm to 41.28mm in different wall thickness. Our refrigeration copper tube is available in hard drawn straight lengths, bendable quality strength lengths and soft drawn coils. Other specifications also available upon request.

Outside Diameter		Wall Thickness	Length	Temper	Suitable for R410A & R32
inch	mm	mm	m		
1/4	6.35	0.81	30	Soft	Yes
3/8	9.52	0.81	18	Soft	Yes
1/2	12.70	0.81	18	Soft	Yes
5/8	15.88	1.02	18	Soft	Yes
3/4	19.05	1.14	18	Soft	Yes
7/8	22.23	1.40	18	Soft	Yes
1/4	6.35	0.81	6	Half Hard	Yes
3/8	9.52	0.81	6	Half Hard	Yes
1/2	12.70	0.81	6	Half Hard	Yes
5/8	15.88	0.81	6	Half Hard	
5/8	15.88	1.02	6	Half Hard	Yes
3/4	19.05	0.91	6	Half Hard	
3/4	19.05	1.14	6	Half Hard	Yes
7/8	22.23	0.91	6	Half Hard	
7/8	22.23	1.40	6	Hard	Yes
1	25.40	0.91	6	Hard	
1	25.40	1.63	6	Hard	Yes
1 1/8	28.58	0.91	6	Hard	
1 1/8	28.58	1.83	6	Hard	Yes
1 1/4	31.75	2.03	6	Hard	Yes
1 3/8	34.90	0.91	6	Hard	
1 3/8	34.90	2.03	6	Hard	Yes
1 3/8	41.28	0.91	6	Hard	
1 3/8	41.28	2.41	6	Hard	Yes



REFRIGERANT PRESSURE TEMPERATURE TABLE

The following chart is comparison of working pressures for the most common refrigerants and can be used for determining which copper tube size is required for your system. The table should be used as a reference only and for more detailed information, please consult the refrigerant manufacturers. Refrigerant Saturated Vapour Pressures (kPa)

Refrigerant	-40°C	-20°C	0°C	20°C	-20°C	0°C	20°C
R410A	76	303	704	1353	2336	3749	4631
R404A	26	195	498	989	1729	2789	
R32	76	304	712	1374	2377	3831	4776
R134a	-47	39	192	469	915	1581	2016
R507	40	216	525	1024	1778	2859	3554
R407C	19	179	467	936	467	2668	3318
R438A	12	162	432	873	432	2495	3104
R22	5	145	397	810	397	2326	2884
R744	904	1869	3384	5625	3384		
(CO2)					(@30°C)		



CABLE TRAY

MEC Cable Trays Technical Guide



CABLE TRAY

FINISHES

POWDER COATED

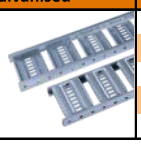
Powder Coating is a dry finishing process created by an electric charge that causes a dry powder to fuse to the surface of the metal. This is then baked in a curing oven to achieve a smooth coating. It is usually used to create a hard finish that is tougher than conventional paint. Powder coating creates a barrier to protect against many different types of corrosion, including rust. Powder-coating creates a protective barrier so the metal remains rust-free.

GALVABOND / HOT DIPPED GALVANISED

Hot Dip Galvanized Zinc to AZ/NZS 4680:2006 – aligned with ISO 1461:2009. After a product has finished its fabrication process, it is dipped into a bath of molten zinc. The zinc completely coats all edges and surfaces. Zinc thickness is controlled by the time the part is immersed in the molten zinc bath. Hot dip galvanized zinc products are recommended for indoor, outdoor and mildly corrosive environments.

ZINC PASSIVATED

Zinc passivation is the process of applying a protective layer to the surface of a metal, typically zinc or zinc alloys, to improve its corrosion resistance. This is achieved through the use of chemical solutions and chromate conversion coatings. These chemically react with the surface of the metal, forming a layer of zinc chromate and acting as a barrier against corrosion.

LT3 STD Laddertray Galvanised	Nom. Size	Code:
	150mm	CLSTD150
	300mm	CLSTD300
	450mm	CLSTD450
	600mm	CLSTD600

Cable Tray	Nom. Size	Code
	75mm	CLGB75
	100mm	CLGB100
	150mm	CLGB150
	225mm	CLGB225
	300mm	CLGB300
	450mm	CLGB450
	600mm	CLGB600

Cable Tray Tee	Nom. Size	Code
	150mm	CLGBTT150

LT3 Radius Plate	Nom. Size	Code:
	-	CLSTRPG

LT3 Tee/Cross	Nom. Size	Code:
	300mm	CLCTT300G

LT3 Hold Down	Nom. Size	Code:
	-	CLSTDHDG
	-	CLSTDHDH

Splice Bolts and Nuts	Nom. Size	Code:
	-	CLSTNUTH

LT3 Splice	Nom. Size	Code
	-	CLSTSG

LT3 Riser Link	Nom. Size	Code:
	-	CLSTDRLG

Cable Tray Bend	Nom. Size	Code
	75mm	CLGBTB75
	100mm	CLGBTB100
	150mm	CLGBTB150
	225mm	CLGBTB225
	300mm	CLGBTB300
	450mm	CLGBTB450
	600mm	CLGBTB600

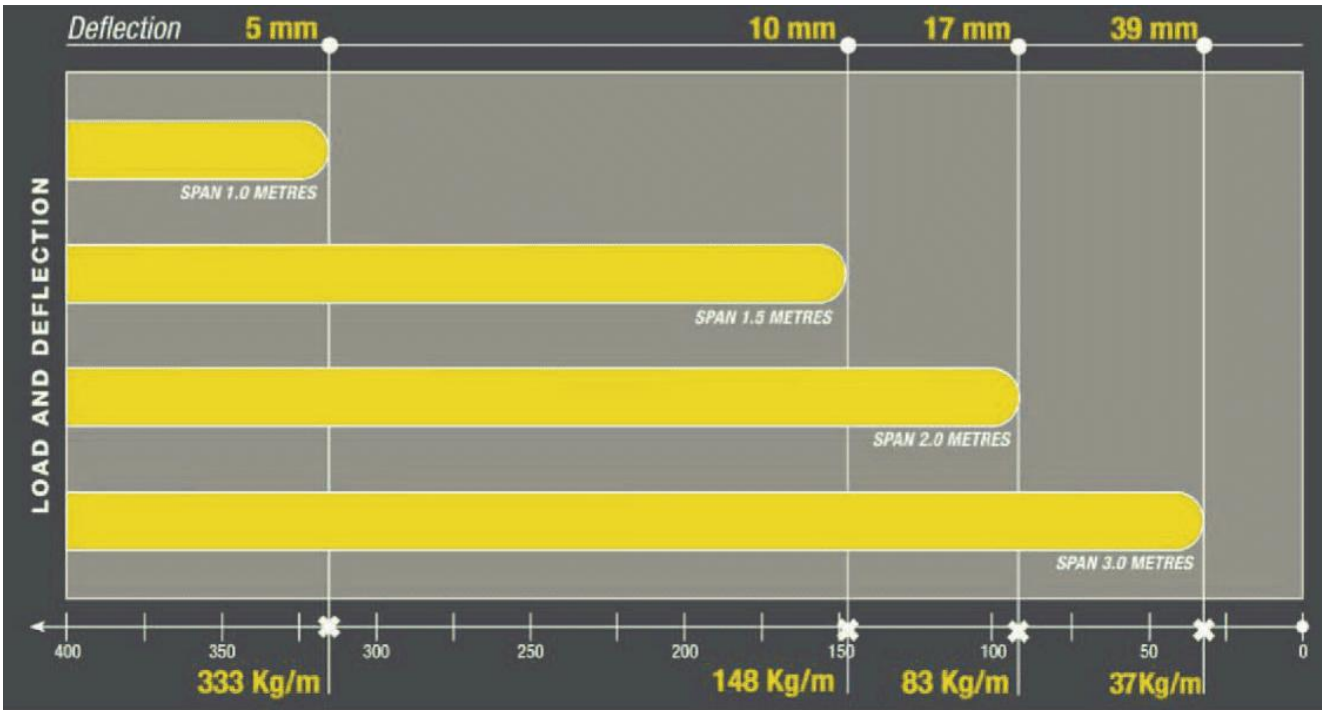
CABLE TRAY

LOAD AND DEFLECTION DATA

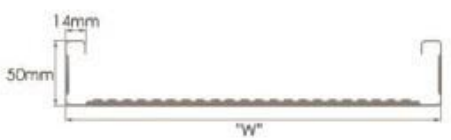
T3 Ladder Tray System is designed for trapeze supported or surface-mounted cable management and is ideally suited to small to medium size cables such as TPS, data comms, and sub mains allowing for more tie-off points as well as tighter radius bends and risers. T1 offers full integration with our T3 Ladder Tray System, saving the installer from having to carry two ranges of accessories.

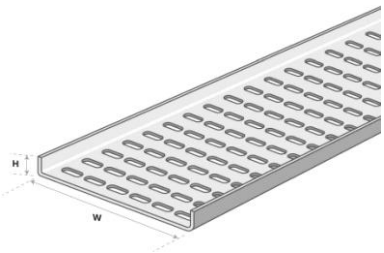
Load and Deflection data is derived from tests performed in a NATA-certified testing environment in accordance with NEMA VE1-2009 standards.
ALL Ladders exceed the class designation that has been applied to the product.

Load data is based on single spans resulting in worst-case scenarios. Deflections listed in our table are based on continuous spans. For single spans, multiply the corresponding deflection by 2.5.



LADDER TRAY PROFILE





CABLE TRAY
ASSEMBLY GUIDE

90 DEG INTERNAL RISER



2 X TTX TEE & CROSS BRACKET 8 X TB TRAY BOLTS
8 X TN TRAY NUTS - PER 90DEG RISER ASSEMBLY

90 DEG EXTERNAL RISER



2 X TTX TEE & CROSS BRACKET 8 X TB TRAY BOLTS
8 X TN TRAY NUTS - PER 90DEG RISER ASSEMBLY

90 DEG RADIUSED INTERNAL RISER



6 X TLP RISER LINKS 12 X TB TRAY BOLTS
12 X TN TRAY NUTS - PER 90DEG RISER ASSEMBLY

90 DEG RADIUSED EXTERNAL RISER



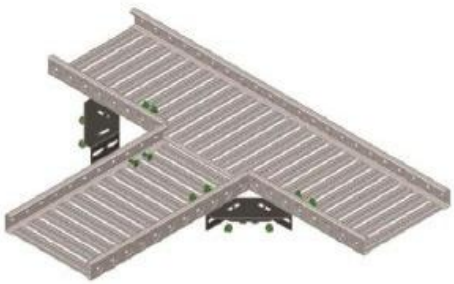
6 X TLP RISER LINKS 12 X TB TRAY BOLTS
12 X TN TRAY NUTS - PER 90DEG RISER ASSEMBLY

90 DEG RADIUSED BEND



1 X TRP RADIUS PLATE 12 X TB TRAY BOLTS
12 X TN TRAY NUTS - PER 90DEG BEND TRP RADIUS PLATE WILL COVER 2 BENDS IN 150MM & 300MM WIDTHS

TEE SECTION



2 X TTX TEE & CROSS BRACKET 8 X TB TRAY BOLTS
8 X TN TRAY NUTS - PER TEE, DOUBLE FOR CROSS SECTION



MEC STRUT

C Channel Steel Strut Technical Guide



MEC STRUT
C Channel Steel Strut

FINISHES

PRE-GALVANIZED ZINC

Pre-galvanized Zinc (PG) EN 10142/10147 / ASTM A653/A653M Pre-galvanized zinc is produced by continuously rolling steel coils or sheets through molten zinc at the mills. The coils or sheets are slit to size and fabricated by forming, shearing or punching to produce the finished product. During fabrication cut edges are not generally zinc coated; however, the zinc near the uncoated metal becomes a sacrificial anode to protect the bare areas. Pre-galvanized zinc products are generally recommended for indoor use on mildly corrosive environments.

HOT DIPPED GALVANIZED

Hot Dip Galvanized Zinc to AZ/NZS 4680:2006 – aligned with ISO 1461:2009. After a product has finished its fabrication process, it is dipped into a bath of molten zinc. The zinc completely coats all edges and surfaces. Zinc thickness is controlled by the time the part is immersed in the molten zinc bath. Hot dip galvanized zinc products are recommended for indoor, outdoor and mildly corrosive environments.

FIRE CERTIFICATES

Regarding AS 1530.3 Methods for fire tests on building materials, components and structures the strut would comply to a 0 , 0 , 0 fire rating due to is properties.

No Fire test have been carried out based on AS 1530.4



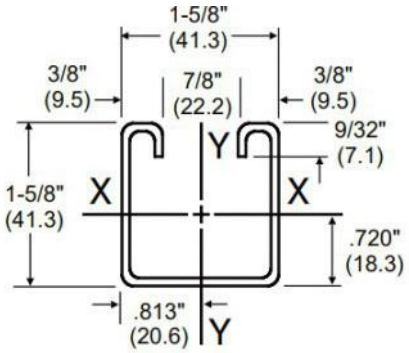
Dale Richardson
Mechanical Engineering (Bsc. Mech)
Marcliff Engineering Co. Pty Ltd

DISCLAIMER:
The information in this publication has been assembled for guidance only. Care has been taken to ensure accuracy, but no liability can be accepted for any consequence which may arise as a result of its application.

MEC STRUT

C Channel Steel Strut

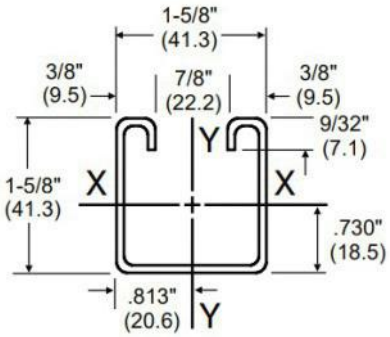
1000 Series
41 x 41 x 2.5mm



Wt. = 1.90 lbs/ft (2.83 kg/m)
Area = 0.558 in^2 (3.60 cm^2)
I_{x-x} = 0.185 in^4 (7.70 cm^4)
S_{x-x} = 0.204 in^3 (3.34 cm^3)
r_{x-x} = 0.576 in (14.63 cm)
I_{Y-Y} = 0.234 in^4 (9.74 cm^4)
S_{Y-Y} = 0.288 in^3 (4.72 cm^3)
r_{Y-Y} = 0.647 in (16.43 cm)
Thickness = 12 GA (2.6 mm)

BEAM SPAN OR COLUMN HT.		UNIFORM LOAD		UNIFORM LOAD AT DEFLECTION = 1/240 SPAN		MAXIMUM COLUMN LOAD	
in	mm	kgs	kN	kgs	kN	kgs	kN
24	610	771	7.62	771	7.62	3796	37.5
36	914	514	5.08	514	5.08	3184	31.45
48	1219	386	3.81	350	3.46	2530	24.97
60	1524	308	3.05	224	2.21	1926	19.02
72	1829	257	2.54	156	1.54	1547	15.28
84	2134	220	2.17	114	1.13	1296	12.28
96	2438	193	1.9	97	0.86	1114	11
108	2743	171	1.69	69	0.68	972	9.6
120	3048	154	1.52	56	0.55	857	8.47

2000 Series
41 x 41 x 1.6mm



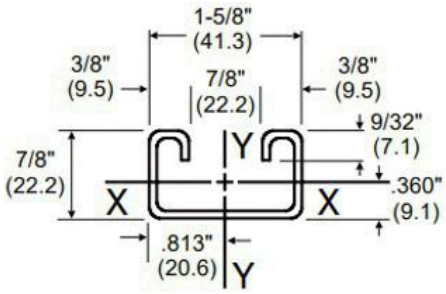
Wt. = 1.40 lbs/ft (2.08 kg/m)
Area = 0.412 in^2 (2.66 cm^2)
I_{x-x} = 0.146 in^4 (6.08 cm^4)
S_{x-x} = 0.163 in^3 (2.67 cm^3)
r_{x-x} = 0.595 in (15.11 cm)
I_{Y-Y} = 0.180 in^4 (7.49 cm^4)
S_{Y-Y} = 0.222 in^3 (3.64 cm^3)
r_{Y-Y} = 0.661 in (16.79 cm)
Thickness = 14 GA (1.9 mm)

BEAM SPAN OR COLUMN HT.		UNIFORM LOAD		UNIFORM LOAD AT DEFLECTION = 1/240 SPAN		MAXIMUM COLUMN LOAD	
in	mm	kgs	kN	kgs	kN	kgs	kN
24	610	616	6.08	616	6.08	2397	23.68
36	914	411	4.05	411	4.05	2056	20.31
48	1219	308	3.04	276	2.72	1650	16.3
60	1524	246	2.43	176	1.74	1228	12.13
72	1829	205	2.02	122	1.21	949	9.37
84	2134	176	1.74	77	0.89	775	7.65
96	2438	154	1.52	66	0.68	656	6.48
108	2743	137	1.35	54	0.54	570	5.63
120	3048	123	1.21	44	0.43	504	4.98

MEC STRUT

C Channel Steel Strut

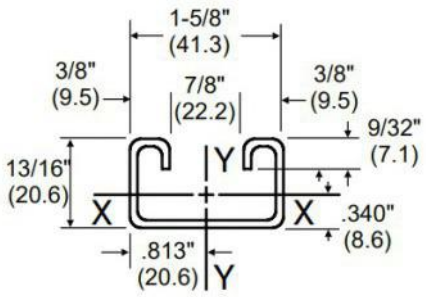
3000 Series
41 x 21 x 2.5mm



Wt. = 1.36 lbs/ft (2.02 kg/m)
Area = 0.400 in^2 (2.58 cm^2)
I_{x-x} = 0.040 in^4 (1.66 cm^4)
S_{x-x} = 0.078 in^3 (1.28 cm^3)
r_{x-x} = 0.316 in (8.03 cm)
I_{y-y} = 0.148 in^4 (6.16 cm^4)
S_{y-y} = 0.182 in^3 (2.98 cm^3)
r_{y-y} = 0.608 in (15.44 cm)
Thickness = 12 GA (2.6 mm)

BEAM SPAN OR COLUMN HT.		UNIFORM LOAD		UNIFORM LOAD AT DEFLECTION = 1/240 SPAN		MAXIMUM COLUMN LOAD	
in	mm	kgs	kN	kgs	kN	kgs	kN
24	610	295	2.91	291	2.88	3566	35.2
36	914	196	1.94	134	1.33	2812	27.77
48	1219	147	1.46	75	0.74	1860	18.37
60	1524	118	1.16	48	0.47	1201	11.86
72	1829	98	0.97	34	0.33	834	8.23
84	2134	84	0.83	24	0.24	-	-
96	2438	73	0.73	19	0.18	-	-
108	2743	65	0.64	15	0.15	-	-
120	3048	59	0.58	12	0.12	-	-

4000 Series
41 x 21 x 1.6mm



Wt. = 0.97 lbs/ft (1.44 kg/m)
Area = 0.290 in^2 (1.87 cm^2)
I_{x-x} = 0.027 in^4 (1.12 cm^4)
S_{x-x} = 0.057 in^3 (0.93 cm^3)
r_{x-x} = 0.305 in (7.75 cm)
I_{y-y} = 0.108 in^4 (4.49 cm^4)
S_{y-y} = 0.133 in^3 (2.18 cm^3)
r_{y-y} = 0.610 in (15.49 cm)
Thickness = 14 GA (1.9 mm)

BEAM SPAN OR COLUMN HT.		UNIFORM LOAD		UNIFORM LOAD AT DEFLECTION = 1/240 SPAN		MAXIMUM COLUMN LOAD	
in	mm	kgs	kN	kgs	kN	kgs	kN
24	610	215	2.13	204	2.01	2230	22.03
36	914	143	1.42	90	0.89	1756	17.34
48	1219	108	1.06	51	0.5	1103	10.89
60	1524	86	0.85	32	0.32	707	6.97
72	1829	72	0.71	22	0.22	490	4.84
84	2134	61	0.6	16	0.16	-	-
96	2438	54	0.53	13	0.12	-	-
108	2743	48	0.47	10	0.1	-	-
120	3048	43	0.43	8	0.08	-	-

MEC STRUT

C Channel Steel Strut

Product List

Product Code	Dimensions	Type	Coating	Length
Channel Section 1000 / 2000 Series (41 x 41mm)				
C1001GP	41x41 Back On Back	PLAIN	Hot Dipped Galvanized (HDG)	6m
C100GP3	41x41x2.5	PLAIN	Hot Dipped Galvanized (HDG)	3m
C100GP6	41x41x2.5	PLAIN	Hot Dipped Galvanized (HDG)	6m
C100GS3	41x41x2.5	SLOTTED	Hot Dipped Galvanized (HDG)	3m
C100GS6	41x41x2.5	SLOTTED	Hot Dipped Galvanized (HDG)	6m
C100P3	41x41x2.5	PLAIN	Pre-Galvanized	3m
C100P6	41x41x2.5	PLAIN	Pre-Galvanized	6m
C100S3	41x41x2.5	SLOTTED	Pre-Galvanized	3m
C100S6	41x41x2.5	SLOTTED	Pre-Galvanized	6m
C100SS316	41x41x2.5	PLAIN	Stainless Steel 316	6m
C100SS316S	41x41x2.5	SLOTTED	Stainless Steel 316	6m
C100TSS316	41x41x2.5	SLOTTED	Stainless Steel 316	6m
C200P6	41x41x1.5	PLAIN	Pre-Galvanized	6m
C200S3	41x41x1.5	SLOTTED	Pre-Galvanized	3m
C200S6	41x41x1.5	SLOTTED	Pre-Galvanized	6m
Channel Section 3000 / 4000 Series (41 x 21mm)				
C330GP6	41x21x2.5	PLAIN	Hot Dipped Galvanized (HDG)	6m
C330GS3	41x21x2.5	SLOTTED	Hot Dipped Galvanized (HDG)	3m
C330GS6	41x21x2.5	SLOTTED	Hot Dipped Galvanized (HDG)	6m
C330SS316	41x21x2.5	PLAIN	Stainless Steel 316	6m
C330SS316S	41x21x2.5	SLOTTED	Stainless Steel 316	6m
C330TSS316	41x21x2.5	SLOTTED	Stainless Steel 316	6m
C400P6	41x21x1.6	PLAIN	Pre-Galvanized	6m
C400S3	41x21x1.6	SLOTTED	Pre-Galvanized	3m
C400S6	41x21x1.6	SLOTTED	Pre-Galvanized	6m
Channel Section 5000 Series (41 x 61mm)				
C5001GP	41x123x2.5	PLAIN	Hot Dipped Galvanized (HDG)	6m
C5001GP6	41x123x2.5	PLAIN	Hot Dipped Galvanized (HDG)	6m
C500GP6	41x61x2.5	PLAIN	Hot Dipped Galvanized (HDG)	6m
C500GS6	41x61x2.5	SLOTTED	Hot Dipped Galvanized (HDG)	6m
C500P6	41x61x2.5	PLAIN	Pre-Galvanized	6m
C500S6	41x61x2.5	SLOTTED	Pre-Galvanized	6m

FASTENERS

Fasteners Selection Guide



Timber Screws

Self-Drilling Screws are suitable for fixing into timber and thin steel thicknesses of up to 0.6mm

Selction Guide

Wafer Head
Suitable for jobs needing a low profile head, e.g. metal deck clips, electrical fittings, signs etc



Pan Head
Suitable for general fixing to Timber, e.g. brackets, fittings, etc



Countersunk Head
Suitable for jobs requiring a flush, finish, e.g. furniture, hinges, brackets, etc



Countersunk Rib Head
Suitable for jobs requiring a flush finish, e.g. furnitiure, flooring, etc



Bugle Head Batten
Rafters or fastening heavy timbers where a flush finish is required, e.g. fencing, furniture, pergolas, broadwalks, etc



Hexagon Head With Seal
Suitable for crest fixing roofing profiles to timbers battens and valley fixing wall cladding



Hexagon Head - No Seal



Plasterboard Screws

Self Drilling Plasterboard Screws feature a bugle shaped head which countersinks neatly into plasterboard without crushing the core, or tearing the face paper. Available in a zinc-plated finish.

Selection Guide

Bugle Head (Needle Point)
For general fixing to timber and thin steel up to 0.6mm thick, e.g. walls and ceilings, partitions, etc



Bugle Head (Metal Drill Point)
For fixing plasterboard to steel from 0.8mm to 2.5mm thickness

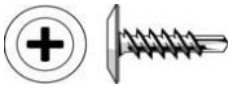


Metal Screws

Self-Drilling Metal Screws have a hardened drill point and thread in structural and mild steel. These metal drill points are designed in a manner much the sames as a high speed drill bit.

Selction Guide

Wafer Head
Suitable for jobs needing a low profile head, e.g. metal deck clips, electrical fittings, signs, sheet metal, etc



Bugle Head
For fixing of plasterboard to metal



Button Head
Suitable for jobs needing a board flat head, e.g. foil sarking and insulation panels, fascia bracket clips to rafters, conduit clips to steel, etc



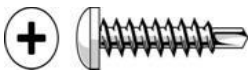
Countersunk Head
Suitable for jobs needing a flush finish, e.g. fencing, gates, hinges, etc



Countersunk Rib Head
Suitable for fixing pre-drilled board, e.g. panelling, lining board, etc



Pan Head
Suitable for general fxings, e.g. brackets, fixings, etc



Self Embedding Head
Suitable for general fixings to metal, e.g. lining boards, fascias, panelling, etc



Hexagon Head With Seal
Suitable for fixing roofing profiles and wall cladding to steel purlins



Hexagon Head - No Seal
Suitable for fixing metal e.g. fences, signs, fixings, trailers, etc



Chipboard Screws

Zenith® self-drilling Chipboard screws have a coarse thread and fine shank to provide maximum grip and minimum stripout into chipboard, MDF board and soft timbers.

Selection Guide

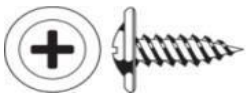


Countersunk Rib Head
Suitable for general fixing of chipboard, e.g., cabinets, furniture, kitchens, office partitioning etc. Available in 8 and 10 gauge. Lengths from 20mm to 100mm.

Multi-Use Screws

Buildex® Multi-Use Screws are all-purpose self-drilling screws for general fixing around the home, into timber and thin metal. Available in a zinc-plated finish.

Selction Guide



Button Head
Suitable for jobs where a broad, flat head is needed, e.g. shade cloth, foil insulation, wire mesh, clips, etc



Pan Head
For general fixings, e.g., spotlights, doors, security alarms, light switches, wall phones, etc.



Bugle Head - Needle Point
Recommended for all general fixing into timber and light gauge metal, for applications where a countersunk head is required



Countersunk Head
For attaching hinges

Sleeve Anchors

The Sleeve Anchor is a general purpose medium duty anchor for fixing to concrete, masonry, solid and hollow brick and natural stone. The Sleeve Anchor is manufactured using carbon steel or 316 stainless steel.

Selction Guide



Hex Head

Wall Plugs

Plastic Wall Plug is a colour coded, light weight, lost cost fixing combined with screws for fixing into solid masonry and is easy to install.



Selction Guide

White Wall Plug	**Screw Gauge = 4 - 6**
Red Wall Plug	**Screw Gauge = 8 - 9**
Green Wall Plug	**Screw Gauge = 10 - 12**
Blue Wall Plug	**Screw Gauge = 14 - 16**

Shuredrive



Shuredrive is an all metal nail expanding anchor for masonry and concrete



Hollow Wall Anchor

Hollow Wall Anchors are all metal, pre-assembled fasteners for use in cavity walls. Suitable for light weight fixing to thin board or plasterboard

Wallmates

Wallmates are self drilling plasterboard anchors, available in zinc or nylon and are suitable for attaching light weight fittings to hollow wall materials such as plasterboard, thin wall panelling and ceiling boards. It is ideal for hanging items such as paintings, picture frames, light weight brackets and fittings.

Selction Guide



Zinc Wallmate



Nylon Wallmate



Nylon Wallmate (mini)

Nylon Anchors

Nylon Anchors are a light duty nail expanding anchor for solid masonry and hollow wall constructions. The design of the expansion nail used in the Nylon Anchor is such that it can be removed if need be

Selection Guide



Round Head



Countersunk Head

Bolts & Thread Rod

Selection Guide

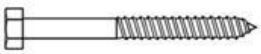


Hex Round Bolt
Heagon head bolts & nuts hold and join building materials used in framing structures. Typical applications include fixing metal to metal or metal to timber, e.g., heavy metal frames, metal posts, brackets, post supports, etc.

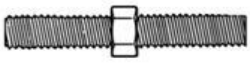
Cup Head Bolt



Cup head bolts & nuts hold and join building materials used in framing. Typical applications include fixing timber to timber, or timber to metal, e.g., heavy timber frames, pergolas, fencing, etc.



Coach Screw
For fixing to timber, Coach Screws are designed to form their own thread in pre-drilled holes. They have a Gimlet point for fast, easy penetration.



Threaded Rod
Threaded rod can be used in a variety of fixing applications.

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