

Unit 8/2 Carson Road
Malaga WA 6090
P: 08 9248 9994
F: 08 9248 9995
E: sales@couplers.com.au
www.couplers.com.au

SECTION 12: PIPE & TUBE

12.1	<u>PIPE</u>	2-8
	<u>UPVC PIPE</u>	2
	<u>POLYETHYLENE PIPE</u>	4
	<u>MEDIUM GALV PIPE</u>	6
	<u>BLACK STEEL PIPE</u>	7
	<u>STAINLESS STEEL PIPE</u>	8
12.2	<u>TUBE</u>	9-17
	<u>NYLON TUBE</u>	9
	<u>POLYETHYLENE TUBE</u>	10
	<u>POLYURETHANE TUBE</u>	11
	<u>NYLON AIRBRAKE TUBE</u>	12
	<u>NYLON SEMI RIGID TUBE</u>	13
	<u>COPPER TUBE</u>	14
	<u>BUNDY & ALUMINIUM TUBE</u>	15
	<u>HYDRAULIC TUBE</u>	16
	<u>STAINLESS STEEL TUBE</u>	17

UPVC PIPE

TECHNICAL INFORMATION

Uses: UPVC (unplasticised polyvinyl chloride) pipe has high strength to weight ratio and exceptional resistance to corrosion and chemical attack. Easy and quick to join to UPVC fittings by way of a glue commonly known as cement. Not recommended for use with aromatic and chlorinated hydrocarbons, ketones, esters and ethers.

Working Pressure: Maximum working pressure dependent on the pipe class used and temperature

Working Temp: Up to 60°C (Please see table below)

Suitable Fittings: UPVC Pipe Fittings (Couplings, Section 5.10, Page 27-30)

Availability: 6m lengths (can be cut to any length less than this)

MAXIMUM PRESSURE VERSUS TEMPERATURE

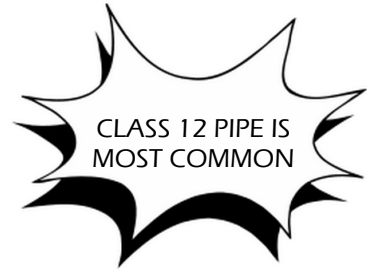
TEMP	MAXIMUM ALLOWABLE STATIC PRESSURE (BAR)					
	CLASS 4.5	CLASS 6	CLASS 9	CLASS 12	CLASS 15	CLASS 18
20°C	4.5	6.0	9.0	12.0	15.0	18.0
30°C	3.6	4.8	7.2	9.6	12.0	14.4
40°C	2.7	3.6	5.4	7.2	9.0	10.8
50°C	1.8	2.4	3.6	4.8	6.0	7.2
60°C	0.9	1.2	1.8	2.4	3.0	3.6

UPVC PIPE MEASUREMENTS

SIZE	OD (mm)	ID OF PIPE DEPENDENT ON CLASS (mm)					
		CLASS 4.5	CLASS 6	CLASS 9	CLASS 12	CLASS 15	CLASS 18
15	21.60	-	-	-	-	18.3	17.8
20	26.75	-	-	-	23.7	23.0	22.4
25	33.55	-	-	30.5	29.8	29.0	28.1
32	42.25	-	-	38.5	37.5	36.4	35.4
40	48.25	-	45.2	44.1	42.8	41.6	40.5
50	60.35	-	56.8	55.2	53.7	52.2	50.5
65	75.35	72.0	71.0	68.9	67.0	65.1	63.2
80	88.90	84.9	83.7	81.3	79.0	76.7	74.6
100	114.3	109.3	107.8	104.6	101.7	98.8	96.0
125	140.2	134.1	132.2	128.4	124.9	-	-
150	160.3	153.4	151.3	146.9	142.7	138.7	134.7
200	225.3	-	213.8	208.5	203.1	198.0	192.9
225	250.4	240.8	237.7	231.7	225.8	220.0	214.4
250	280.4	-	266.2	259.4	252.9	246.4	239.9
300	315.5	303.4	299.5	292.0	284.5	277.3	270.2
375	400.5	385.1	380.3	370.7	363.3	-	-

UPVC PIPE

UPVC PIPE



SIZE	CLASS 6	CLASS 9	CLASS 12	CLASS 18
15	-	-	-	PPS01815
20	-	-	PPS01220	PPS01820
25	-	PPS0925	PPS01225	PPS01825
32	-	PPS0932	PPS01232	PPS01832
40	PPS0640	PPS0940	PPS01240	PPS01840
50	PPS0650	PPS0950	PPS01250	PPS01850
65	-	-	PPS01265	-
80	PPS0680	PPS0980	PPS01280	PPS01880
100	PPS06100	PPS09100	PPS012100	PPS018100
125	-	PPS09125	-	-
150	PPS06150	PPS09150	PPS012150	-
200	-	PPS09200	PPS012200	-

POLYETHYLENE (PE) PIPE

METRIC PE PIPE MEASUREMENTS (MEASURED ON THE OD OF THE PIPE)

OD (mm)	ID OF PIPE DEPENDENT ON CLASS (mm)					
	CLASS 4	CLASS 6.3	CLASS 8	CLASS 10	CLASS 12.5	CLASS 16
16.0	12.7	12.7	12.7	12.7	12.7	12.7
20.0	16.7	16.7	16.7	16.7	16.1	15.2
25.0	21.7	21.7	21.1	21.1	20.2	19.2
32.0	28.7	28.7	28.1	27.0	26.0	24.5
40.0	36.7	36.1	35.0	33.8	32.3	30.6
50.0	46.7	45.0	43.8	42.3	40.4	38.3
63.0	59.0	56.8	55.1	53.2	50.9	48.1
75.0	70.3	67.6	65.7	63.6	60.9	57.5
90.0	84.3	81.1	78.8	76.3	72.9	68.6
110.0	103.1	99.1	96.4	93.2	89.3	84.4

METRIC PIPE (BLUELINE)

Uses: Suitable for potable water underground and Workshop air from PN12.5 upwards.

Material: PE80 MDPE (Medium Density Polyethylene)

Colour: Black with a blue stripe

Suitable Fittings: PE Pipe Fittings (Couplings, Section 5.11, Page 31-35)

Availability: 50m, 100m, 150m, 200m, 300m dependent on size and type (Full coils only)



SIZE	PN8 (8 BAR)	PN10 (10 BAR)	PN12.5 (12.5 BAR)	PN16 (16 BAR)
16.0	-	-	LP/PEM-012-016 (50m, 300m)	LP/PEM-016-016 (50m, 300m)
20.0	-	-	LP/PEM-012-020 (50m, 100m, 200m)	LP/PEM-016-020 (50m, 100m, 200m)
25.0	-	-	LP/PEM-012-025 (50m, 100m, 200m)	LP/PEM-016-025 (50m, 100m, 200m)
32.0	LP/PEM-008-032 (200m)	LP/PEM-010-032 (200m)	LP/PEM-012-032 (50m, 100m, 200m)	LP/PEM-016-032 (50m, 100m, 200m)
40.0	LP/PEM-008-040 (150m)	LP/PEM-010-040 (150m)	LP/PEM-012-040 (50m, 100m, 150m, 200m)	LP/PEM-016-040 (50m, 100m, 150m, 300m)
50.0	LP/PEM-008-050 (150m, 300m)	LP/PEM-010-050 (150m, 300m)	LP/PEM-012-050 (50m, 100m, 150m)	LP/PEM-016-050 (50m, 100m, 150m)
63.0	LP/PEM-008-063 (100m, 200m)	LP/PEM-010-063 (100m, 200m)	LP/PEM-012-063 (50m, 100m)	LP/PEM-016-063 (100m, 200m)
75.0	LP/PEM-008-075 (100m, 200m)	LP/PEM-010-075 (100m)	LP/PEM-012-075 (100m)	LP/PEM-016-075 (100m)
90.0	LP/PEM-008-090 (100m, 200m)	LP/PEM-010-090 (100m)	LP/PEM-012-090 (50m, 100m)	LP/PEM-016-090 (50m, 100m)
110.0	-	LP/PEM-010-110 (100m)	LP/PEM-012-110 (50m, 100m)	LP/PEM-016-110 (50m, 100m)

POLYETHYLENE (PE) PIPE

METRIC AIR PIPE

Uses: Suitable for compressed air up to 16 bar at a constant temperature to 45°C

Material: PE80B Polyethylene

Colour: Blue

Suitable Fittings: PE Pipe Fittings (Couplings, Section 5.11, Page 31-35)

Availability: 6m lengths (Can be cut)



SIZE	ID (mm)	OD (mm)	PART NUMBER
20.0	15.2	20.0	LP/PE-A020
25.0	19.2	25.0	LP/PE-A025
32.0	24.5	32.0	LP/PE-A032
40.0	30.6	40.0	LP/PE-A040
50.0	38.3	50.0	LP/PE-A050
63.0	48.1	63.0	LP/PE-A063
75.0	57.5	75.0	LP/PE-A075
90.0	68.6	90.0	LP/PE-A090

RURAL PIPE (REDLINE)

Uses: Rural grade pipe limited to 8 bar operating pressure

Material: PE50 Polyethylene

Colour: Black with a red stripe

Suitable Fittings: PE Pipe Fittings (Couplings, Section 5.11, Page 36-38)

Availability: 100m, 150m, 200m, 300m dependent on size (Full coils only)



SIZE	ID (mm)	OD (mm)	PART NUMBER
3/4"	19.0	22.6	LP/PE-R020 (200m)
1"	25.3	29.1	LP/PE-R025 (200m)
1.1/4"	31.6	36.2	LP/PE-R032 (150m)
1.1/2"	38.0	43.4	LP/PE-R038 (150m, 200m, 300m)
2"	50.9	57.9	LP/PE-R050 (100m, 200m)

***Greenline pipe available on request

MEDIUM GALV PIPE

SPECIFICATIONS

Uses: Compressed air, water and oil (*AS 1074*)

Material: Steel pipe with galvanised coating

Colour: Galvanised with blue painted ends

Standard Length: 6.5m (Occasionally 5.8m lengths). Can be cut.

Ends: Screwed as standard, plain also available

SIZE (NB)	OD (mm)	WALL THICKNESS (mm)	WATER	FUEL & OIL @ 100°C	COMPRESSED AIR & STEAM @100°C
15	21.3	2.6	300 psi	200 psi	175 psi
20	26.9	2.6	300 psi	200 psi	175 psi
25	33.7	3.2	300 psi	200 psi	175 psi
32	42.4	3.2	250 psi	200 psi	150 psi
40	48.3	3.2	250 psi	200 psi	150 psi
50	60.3	3.6	200 psi	125 psi	125 psi
65	76.1	3.6	200 psi	125 psi	125 psi
80	88.9	4.0	200 psi	125 psi	125 psi
100	114.3	4.5	150 psi	100 psi	100 psi
125	139.7	5.0	150 psi	N/A	N/A
150	165.1	5.0	125 psi	N/A	N/A

MEDIUM GALV PIPE

SIZE (NB)	PART NUMBER
15	LP/GM-012
20	LP/GM-020
25	LP/GM-025
32	LP/GM-032
40	LP/GM-038
50	LP/GM-050
65	LP/GM-063
80	LP/GM-075
100	LP/GM-100
150	LP/GM-150



BLACK STEEL PIPE

SPECIFICATIONS

Seamless Pipe *ASTM A 106B/API 5L B*, Mandrel pipe

ERW Pipe *AS 1163-C350/API 5L or Grade B*, Electrical Resistance Welded, 0.85 pressure rating of seamless, doesn't necessarily have a visible seam

Standard Length: 6m lengths (12m lengths can be ordered). Can be cut.

Ends: Plain ends

SIZE	OD	WALL THICKNESS (mm)	
		STD / SCH 40	XS / SCH 80
15	21.3	2.77	3.73
20	26.7	2.87	3.91
25	33.4	3.38	4.55
32	42.2	3.56	4.85
40	48.3	3.68	5.08
50	60.3	3.91	5.54
65	73.0	5.16	7.01
80	88.9	5.49	7.62
90	101.6	5.74	8.08
100	114.3	6.02	8.56
125	141.3	6.55	9.53
150	168.3	7.11	10.97
200	219.1	8.18	12.70



BLACK STEEL PIPE

SIZE (NB)	SEAMLESS STD / SCH 40	SEAMLESS XS / SCH 80	ERW STD / SCH 40	ERW XS / SCH 80
15	LP/BL-SMS-040-012	LP/BL-SMS-080-012	-	-
20	LP/BL-SMS-040-020	LP/BL-SMS-080-020	-	-
25	LP/BL-SMS-040-025	LP/BL-SMS-080-025	-	-
32	LP/BL-SMS-040-032	LP/BL-SMS-080-032	-	-
40	LP/BL-SMS-040-038	LP/BL-SMS-080-038	-	-
50	LP/BL-SMS-040-050	LP/BL-SMS-080-050	LP/BL-ERW-040-050	LP/BL-ERW-080-050
65	LP/BL-SMS-040-063	LP/BL-SMS-080-063	LP/BL-ERW-040-063	LP/BL-ERW-080-063
80	LP/BL-SMS-040-075	LP/BL-SMS-080-075	LP/BL-ERW-040-075	LP/BL-ERW-080-075
90	LP/BL-SMS-040-090	-	LP/BL-ERW-040-090	-
100	LP/BL-SMS-040-100	LP/BL-SMS-080-100	LP/BL-ERW-040-100	LP/BL-ERW-080-100
125	LP/BL-SMS-040-125	LP/BL-SMS-080-125	LP/BL-ERW-040-125	LP/BL-ERW-080-125
150	LP/BL-SMS-040-150	LP/BL-SMS-080-150	LP/BL-ERW-040-150	LP/BL-ERW-080-150
200	LP/BL-SMS-040-200	LP/BL-SMS-080-200	LP/BL-ERW-040-200	LP/BL-ERW-080-200

STAINLESS STEEL PIPE

SPECIFICATIONS

Material 316 Stainless Steel as standard. Available in welded and seamless (welded in standard).

Standards: *ASTM A312/530*

Standard Length: 6m lengths. Can be cut

Ends: Plain ends



SIZE (NB)	OD	WALL THICKNESS (mm)		
		SCH 10	SCH 40	SCH 80
6	13.7	1.65	2.24	3.02
10	17.2	1.65	2.31	3.20
15	21.3	2.11	2.77	3.73
20	26.7	2.11	2.87	3.91
25	33.4	2.77	3.38	4.55
32	42.2	2.77	3.56	4.85
40	48.3	2.77	3.68	5.08
50	60.3	2.77	3.91	5.54
65	73.0	3.05	5.16	7.01
80	88.9	3.05	5.49	7.62
90	101.6	3.05	5.74	8.08
100	114.3	3.05	6.02	8.56
125	141.3	3.40	6.55	9.53
150	168.3	3.40	7.11	10.97
200	219.1	3.76	8.18	12.70

SIZE (NB)	WELD PIPE		
	SCH 10	SCH 40	SCH 80
6	-	LP/SS-040-006	-
10	-	LP/SS-040-010	LP/SS-080-010
15	LP/SS-010-012	LP/SS-040-012	LP/SS-080-012
20	LP/SS-010-020	LP/SS-040-020	LP/SS-080-020
25	LP/SS-010-025	LP/SS-040-025	LP/SS-080-025
32	LP/SS-010-032	LP/SS-040-032	LP/SS-080-032
40	LP/SS-010-038	LP/SS-040-038	LP/SS-080-038
50	LP/SS-010-050	LP/SS-040-050	LP/SS-080-050
65	LP/SS-010-063	LP/SS-040-063	LP/SS-080-063
80	LP/SS-010-075	LP/SS-040-075	LP/SS-080-075
100	LP/SS-010-100	LP/SS-040-100	LP/SS-080-100

***Seamless Stainless Steel pipe available in limited sizes on request (LP/SS-SMS)

NYLON TUBE

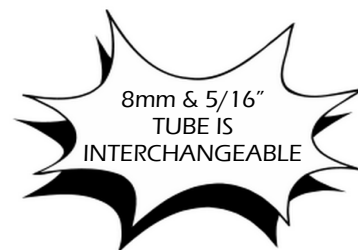
TECHNICAL INFORMATION

Material: Nylon 12 manufactured using polyamide materials giving excellent flexibility, abrasion and impact resistant qualities.

Working Pressure: 250 psi (1000 psi burst pressure)

Working Temp: -20°C to 100°C

Availability: 100m lengths. Can be cut.



METRIC NYLON TUBE

OD (mm)	BLACK	NATURAL	BLUE	GREEN	RED	YELLOW
4mm	LT/NY-M04-BK	LT/NY-M04-NA	LT/NY-M04-BL	LT/NY-M04-GR	LT/NY-M04-RE	LT/NY-M04-YE
5mm	LT/NY-M05-BK	LT/NY-M05-NA	-	-	-	-
6mm	LT/NY-M06-BK	LT/NY-M06-NA	LT/NY-M06-BL	LT/NY-M06-GR	LT/NY-M06-RE	LT/NY-M06-YE
8mm	LT/NY-M08-BK	LT/NY-M08-NA	LT/NY-M08-BL	LT/NY-M08-GR	LT/NY-M08-RE	LT/NY-M08-YE
10mm	LT/NY-M10-BK	LT/NY-M10-NA	LT/NY-M10-BL	LT/NY-M10-GR	LT/NY-M10-RE	LT/NY-M10-YE
12mm	LT/NY-M12-BK	LT/NY-M12-NA	LT/NY-M12-BL	LT/NY-M12-GR	LT/NY-M12-RE	LT/NY-M12-YE

IMPERIAL NYLON TUBE

OD (mm)	BLACK	NATURAL	BLUE	GREEN	RED	YELLOW
1/8"	LT/NY-003-BK	LT/NY-003-NA	-	-	-	-
3/16"	LT/NY-005-BK	LT/NY-005-NA	-	-	-	-
1/4"	LT/NY-006-BK	LT/NY-006-NA	LT/NY-006-BL	LT/NY-006-GR	LT/NY-006-RE	LT/NY-006-YE
3/8"	LT/NY-010-BK	LT/NY-010-NA	LT/NY-010-BL	LT/NY-010-GR	LT/NY-010-RE	LT/NY-010-YE
1/2"	LT/NY-012-BK	LT/NY-012-NA	LT/NY-012-BL	LT/NY-012-GR	LT/NY-012-RE	-
5/8"	LT/NY-016-BK	-	-	-	-	-
3/4"	LT/NY-020-BK	LT/NY-020-NA	-	-	-	-

NYLON SELF STORE HOSE - UNFITTED

Suitability: Unlike other nylon 'tubes' this product is measured on the inside diameter (much like hose). It provides optimum air flow at the full nominal diameter.

Suitable Fittings: Self Store fittings (BRX-SS)

Availability: 30m stretched. Can be cut to 15m lengths. Please note usable length is approximately 20% less than actual length.



ID (mm)	SELF STORE	WP (psi)	BP (psi)	COIL LENGTH	COLOUR	FITTINGS TO SUIT
1/4"	LT/NYSS-006	175	700	30m	YELLOW	BRX-SS-0606
3/8"	LT/NYSS-010	175	700	30m	YELLOW	BRX-SS-1006 BRX-SS-1010
1/2"	LT/NYSS-012	175	700	30m	YELLOW	BRX-SS-1212

POLYETHYLENE TUBE

TECHNICAL INFORMATION

Applications: Air, gas and liquid conveyance

Material: Low Density Polyethylene, UV stabilised

Burst Pressure: 400psi at 20°C (See table below for WP)

Working Temp: -20°C to 60°C

Availability: 100m lengths (300m available on request). Can be cut.



TEMPERATURE	-20°C	0°C	20°C	40°C	60°C
WORKING PRESSURE	250 psi	220 psi	150 psi	100 psi	80 psi

METRIC POLYETHYLENE TUBE

OD (mm)	BLACK	NATURAL	BLUE	RED
4mm	LT/PE-M04-BK	LT/PE-M04-NA	LT/PE-M04-BL	LT/PE-M04-RE
6mm	LT/PE-M06-BK	LT/PE-M06-NA	LT/PE-M06-BL	LT/PE-M06-RE
8mm	LT/PE-M08-BK	LT/PE-M08-NA	LT/PE-M08-BL	LT/PE-M08-RE
10mm	LT/PE-M10-BK	LT/PE-M10-NA	LT/PE-M10-BL	LT/PE-M10-RE
12mm	LT/PE-M12-BK	LT/PE-M12-NA	LT/PE-M12-BL	LT/PE-M12-RE
16mm	LT/PE-M16-BK	LT/PE-M16-NA	-	-

IMPERIAL POLYETHYLENE TUBE

OD (mm)	BLACK	NATURAL	BLUE	RED
1/8"	LT/PE-003-BK	LT/PE-003-NA	-	-
1/4"	LT/PE-006-BK	LT/PE-006-NA	-	-
3/8"	LT/PE-010-BK	LT/PE-010-NA	-	-
1/2"	LT/PE-012-BK	LT/PE-012-NA	-	-

POLYURETHANE TUBE

TECHNICAL INFORMATION

Applications: Air, gas and liquid conveyance

Material: Polyurethane

Working Pressure: 72 psi

Working Temp: -20°C to 60°C

Availability: 20m lengths (100m available on request). Can be cut.



METRIC POLYURETHANE TUBE

OD (mm)	BLACK	CLEAR	BLUE	RED
4mm	LT/PU-M04-BK	LT/PU-M04-CL	LT/PE-M04-BL	LT/PE-M04-RE
6mm	LT/PU-M06-BK	LT/PU-M06-CL	LT/PE-M06-BL	LT/PE-M06-RE
8mm	LT/PU-M08-BK	LT/PU-M08-CL	LT/PE-M08-BL	LT/PE-M08-RE
10mm	LT/PU-M10-BK	LT/PU-M10-CL	LT/PE-M10-BL	LT/PE-M10-RE
12mm	LT/PU-M12-BK	LT/PU-M12-CL	LT/PE-M12-BL	LT/PE-M12-RE

POLYURETHANE SPIRAL TUBE (UNFITTED)

OD (mm)	ID (mm)	1m LONG	1.5m LONG	2m LONG
4mm	2.5mm	LT/PUSS-M04-1000	LT/PUSS-M04-1500	-
6mm	4.0mm	LT/PUSS-M06-1000	LT/PUSS-M06-1500	LT/PUSS-M06-2000
8mm	5.0mm	-	-	LT/PUSS-M08-2000



POLYURETHANE FITTED SPIRAL TUBE (NITTO M/F ENDS)

Features: Fitted with genuine Nitto Nut Cupla (compatible with Nitto Hi Cupla), which fit snugly over the tube so there are no protruding clamps. Small coil diameters reduces tube tangling and straight end sections eliminate tube splitting. Oil resistant tube make them suitable for workshop use.

Working Pressure: 72 psi

Working Temp: -20°C to 60°C



OD (mm)	SIZE ID (mm)	2m LONG	4m LONG	6m LONG	8m LONG
8mm	5.0mm	R/AIRNITTO-SS0802	R/AIRNITTO-SS0804	R/AIRNITTO-SS0806	R/AIRNITTO-SS0808
10mm	6.5mm	R/AIRNITTO-SS1002	R/AIRNITTO-SS1004	R/AIRNITTO-SS1006	R/AIRNITTO-SS1008
12mm	8.0mm	R/AIRNITTO-SS1202	R/AIRNITTO-SS1204	R/AIRNITTO-SS1206	R/AIRNITTO-SS1208

NYLON AIRBRAKE TUBE

AIRBRAKE TUBE

Applications: Designed specifically for airbrake applications.

Material: 1/8" to 5/16" are Type A (not reinforced)
3/8" to 3/4" are Type B (fibre reinforced)

Specifications: Meets all requirements of SAE J844, Type A and B

Temperature: -40°C to 93°C

Fittings: Airbrake Compression or Airbrake Quick Fit



OD (mm)	PART NUMBER	TYPE	MAX WP (psi)	MIN BP (psi)
1/8"	LT/AB-003-BK	J844 A	150	1000
1/4"	LT/AB-006-BK	J844 A	150	1200
3/8"	LT/AB-010-BK	J844 B	150	1400
1/2"	LT/AB-012-BK	J844 B	150	950
5/8"	LT/AB-016-BK	J844 B	150	900
3/4"	LT/AB-020-BK	J844 B	150	800

OD (mm)	PART NUMBER	TYPE	MAX WP (psi)	MIN BP (psi)
6mm	LT/AB-M06-BK	J844 A	150	1000
8mm	LT/AB-M08-BK	J844 A	150	1200
10mm	LT/AB-M10-BK	J844 B	150	1400
12mm	LT/AB-M12-BK	J844 B	150	950

METRIC DIN AIRBRAKE TUBE

Applications: Designed specifically for airbrake applications.

Material: 4mm to 6mm are single wall and conform to both SAE or DIN
8mm to 16mm can be single wall or reinforced, and conform to either SAE or DIN

Specifications: Meet all requirements of SAE J844, Type A and B or DIN 74324

Temperature: -40°C to 93°C

Fittings: Airbrake Compression or Airbrake Quick Fit

OD (mm)	PART NUMBER	TYPE	MAX WP (psi)	MIN BP (psi)
6mm	LT/AB-DIN-M06-BK	DIN 74324	250	1100
8mm	LT/AB-DIN-M08-BK	DIN 74324	250	900
10mm	LT/AB-DIN-M10-BK	DIN 74324	250	1000
12mm	LT/AB-DIN-M12-BK	DIN 74324	250	1000
15mm	LT/AB-DIN-M15-BK	DIN 74324	250	1000
16mm	LT/AB-DIN-M16-BK	DIN 74324	250	1000

NYLON SEMI RIGID TUBE

TECHNICAL SPECIFICATIONS

Applications: For higher pressure applications. Excellent abrasion, chemical and impact resistance. Suitable for air, gas and liquid conveyance

Temperature: -20°C to 100°C

Working Pressure: 625 psi (2500 psi burst pressure)



OD (mm)	PART NUMBER
1/8"	LT/SR-003-BK
3/16"	LT/SR-005-BK
1/4"	LT/SR-006-BK
3/8"	LT/SR-010-BK
1/2"	LT/SR-012-BK

OD (mm)	PART NUMBER
4mm	LT/SR-M04-BK
6mm	LT/SR-M06-BK
8mm	LT/SR-M08-BK

COPPER TUBE

TECHNICAL INFORMATION

Applications: Copper tube has superior corrosion resistance and is easy to join, making it ideal for use with hot and cold water, gas lines, air conditioning, mechanical and refrigeration services. Not suitable for brake lines.

Material: Annealed Seamless Copper Tube to *AS1432*



IMPERIAL COPPER TUBE

SIZE	OD (mm)	COILED	COIL LENGTHS (m)	MAXIMUM WP (psi)
1/8"	3.18	LT/CU-003-C	30m	4050
3/16"	4.76	LT/CU-005-C	30m	2610
1/4"	6.35	LT/CU-006-C	30m	1890
5/16"	7.94	LT/CU-008-C	30m	1476
3/8"	9.52	LT/CU-010-C	18m	1212
1/2"	12.70	LT/CU-012-C	18m	1080
5/8"	16.00	LT/CU-016-C	18m	702
3/4"	19.05	LT/CU-020-C	18m	582

****Straight 6m lengths (Type B) copper tube available in larger sizes on request*

METRIC COPPER TUBE

SIZE (mm)	COILED	COIL LENGTHS (m)	MAXIMUM WP (psi)
4mm	LT/CU-M04-C	20m	2610
6mm	LT/CU-M06-C	20m	1890
10mm	LT/CU-M10-C	20m	1212
12mm	LT/CU-M12-C	20m	1080

BUNDY & ALUMINIUM TUBE

BUNDY TUBE

Applications: Fuel supply and return lines, vent and vacuum lines, fuel rails, power steering, engine and oil coolers, HVAC components, fuel filler necks, refrigeration

Material: Double wall brazed steel tubing

Specifications: Meets or exceeds SAE J525, SAE J526, SAE J356A, ASTM A269, and ASTM A268. Meets all automotive industry standards.



SIZE	OD (mm)	PART NUMBER	COIL LENGTHS (m)	ZINC COATED (6m LENGTHS)
3/16"	4.76	LT/BU-005	26m	LT/BU-005-Zn
1/4"	6.35	LT/BU-006	26m	LT/BU-006-Zn
5/16"	7.94	LT/BU-008	26m	LT/BU-008-Zn
3/8"	9.52	LT/BU-010	6m	LT/BU-010-Zn

***3/16" silver coloured also available (LT/BU-005-SLV)

ALUMINIUM TUBE

Applications: Aluminium tube can be easily hand formed for virtually any requirement. The ends can be flared, have an adaptor welded to them or can be beaded. Not suitable for brake lines.

Material: Aluminium



SIZE	OD (mm)	RAW	BLACK	COIL LENGTHS (m)
1/4"	6.35	LT/AL-006	LT/AL-006-BLK	7.6m
5/16"	7.94	LT/AL-008	LT/AL-008-BLK	7.6m
3/8"	9.52	LT/AL-010	LT/AL-010-BLK	7.6m
1/2"	12.70	LT/AL-012	LT/AL-012-BLK	7.6m
5/8"	15.88	LT/AL-016	LT/AL-016-BLK	7.6m

HYDRAULIC TUBE

TECHNICAL INFORMATION

Applications: Most commonly used in hydraulic applications where hardline will offer fixed, secure transfer of air or fluid. Can be flared, bent and used with hydraulic steel compression fittings.

Material: Cold drawn seamless Steel

Specifications: *ASTM A179* and *DIN 2391/C*

Availability: 6.1m lengths



HYDRAULIC TUBE

SIZE OD	WALL THICKNESS	PART NUMBER	WP (psi)
1/4"	0.91mm	LT/HY-006-009	4300
3/8"	1.22mm	LT/HY-010-012	3900
	1.63mm	LT/HY-010-016	5200
1/2"	1.22mm	LT/HY-012-012	2900
	1.63mm	LT/HY-012-016	3900
5/8"	1.63mm	LT/HY-016-016	3100
3/4"	2.03mm	LT/HY-020-020	3300
	3.25mm	LT/HY-020-032	5200
1"	2.03mm	LT/HY-025-020	2400
	2.64mm	LT/HY-025-026	3100
1.1/4"	3.25mm	LT/HY-032-032	3100
1.1/2"	2.03mm	LT/HY-038-020	1500
	3.25mm	LT/HY-038-032	2600

SIZE OD	WALL THICKNESS	PART NUMBER	WP (psi)
6mm	1.00mm	LT/HYM-006-010	5000
8mm	1.00mm	LT/HYM-008-010	3700
	1.50mm	LT/HYM-008-015	5800
10mm	1.00mm	LT/HYM-010-010	N/A
	1.50mm	LT/HYM-010-015	4600
12mm	1.50mm	LT/HYM-012-015	3700
	2.00mm	LT/HYM-012-020	5000
14mm	2.00mm	LT/HYM-014-020	4300
15mm	1.50mm	LT/HYM-015-015	3000
20mm	2.00mm	LT/HYM-020-020	3700
	3.25mm	LT/HYM-020-032	N/A
22mm	2.00mm	LT/HYM-022-020	2700
	2.00mm	LT/HYM-025-020	N/A
25mm	3.25mm	LT/HYM-025-032	3600
	4.00mm	LT/HYM-030-040	4000
35mm	2.50mm	LT/HYM-035-025	2100
42mm	3.25mm	LT/HYM-042-032	2100

STAINLESS STEEL TUBE

TECHNICAL INFORMATION

Applications: Corrosion resistant, smooth surface and close dimensional tolerances reducing the risk of leakages when connecting tube with couplings. Most commonly used with twin ferrule Stainless Steel compression fittings. Can be welded, bent or flared.

Material: Cold drawn seamless Stainless Steel 304/316

Specifications: ASTM A269/213

Availability: 6m lengths



STAINLESS STEEL TUBE

SIZE OD	WALL THICKNESS	PART NUMBER	WP (psi)
1/8"	0.9mm	LT/SS-003-009	10608
3/16"	0.9mm	LT/SS-005-009	7087
	0.9mm	LT/SS-006-009	5375
1/4"	1.2mm	LT/SS-006-012	7083
	1.6mm	LT/SS-006-016	9444
5/16"	0.9mm	LT/SS-008-009	4300
	1.2mm	LT/SS-008-012	5664
3/8"	0.9mm	LT/SS-010-009	3575
	1.6mm	LT/SS-010-016	6299
1/2"	0.9mm	LT/SS-012-009	2687
	1.2mm	LT/SS-012-012	3602
5/8"	1.6mm	LT/SS-012-016	4812
	1.2mm	LT/SS-016-012	2880
3/4"	1.6mm	LT/SS-016-016	3850
	1.2mm	LT/SS-020-012	2402
1"	1.6mm	LT/SS-020-016	3207
	2.0mm	LT/SS-020-020	3935
1.1/4"	1.2mm	LT/SS-025-012	1800
1.1/2"	1.6mm	LT/SS-025-016	2407
	1.6mm	LT/SS-032-016	1925
1.1/2"	1.6mm	LT/SS-038-016	1605
2"	1.6mm	LT/SS-050-016	1202

SIZE OD	WALL THICKNESS	PART NUMBER	WP (psi)
6mm	1.0mm	LT/SSM-006-010	6247
8mm	1.0mm	LT/SSM-008-010	4300
10mm	1.0mm	LT/SSM-010-010	3575
	1.5mm	LT/SSM-010-015	6998
12mm	1.0mm	LT/SSM-012-010	2687
	1.5mm	LT/SSM-012-015	5439
	2.0mm	LT/SSM-012-020	N/A
15mm	1.5mm	LT/SSM-015-015	4641
18mm	2.0mm	LT/SSM-018-020	2719
28mm	2.0mm	LT/SSM-028-020	N/A