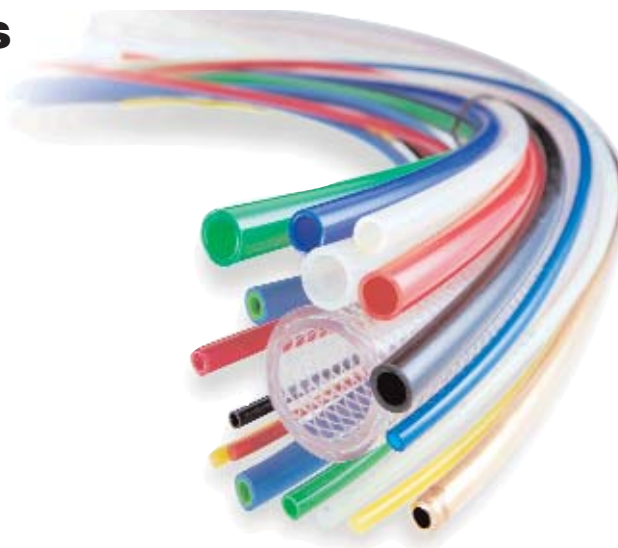


Tubing and hoses

Ø 4 to 28 mm O/D

Ø 1/8" to 1 1/8" O/D



Available in a variety of different types to suit a wide range of applications.

All tubing can be used with specific ranges of tube fittings shown in this catalogue.

Nylon and polyurethane tube available in a range of colours for ease of identification.

Technical data

Medium:

Compressed air. Consult our Technical Service for use with other fluids.

Operating pressure:

Refer to specific tubing type on the following pages.

Ambient temperature:

Refer to specific tubing type on the following pages.

Materials

Nylon tube: nylon (polyamide) type 12, fully plasticised and light stabilised. metric tube meets the requirements of DIN 73378 and BS 5409.

Polyurethane tube: is light stabilised and has a hardness of 92-98 shore A.

Nylon tube (food grade): nylon (polyamide) type 11 or 12 unplasticised.

Polyester reinforced PVC: high quality electrically non-conductive plasticised PVC hose, high tensile polyester fibre braiding, galvanised steel 'O' clips and brass tailpieces on assembled hoses.

Metal braided hoses: E90 nitrile rubber hose, galvanised steel braiding wire, brass ferrules, copper tailpieces.

Copper tube: phosphorous de-oxidised copper to BS6017 grade Cu-DHP.

Double wall brazed steel: copper coated steel strip with tinned external surface (Bundy).

Weldtube: polyurethane (95° shore A) inner tube, flame retardant PVC outer tube.

Tube sizes (metric)

O/D mm	4	5	6	8	10	12	14	16	22	28
Nylon	●	●	●	●	●	●	●	●	●	●
Polyurethane	●	●	●	●	●	●				
Polyester reinforced PVC	●	●	●	●	●	●	●	●	●	●
Metal braided	●	●	●	●	●	●				
Copper-half hard and annealed	●	●	●	●	●	●		●	●	●
Bundy			●	●	●	●				

Tube sizes (inch)

O/D inches	1/8	5/32	3/16	1/4	5/16	3/8	1/2	5/8	3/4	7/8	1 1/8
Nylon	●		●	●	●	●	●	●			
Nylon (food grade)			●	●	●	●					
Polyester reinforced PVC			●	●	●	●	●	●	●		
Metal braided			●	●	●	●	●				
Copper-half hard and annealed	●	●	●	●	●	●	●	●	●	●	●
Copper heavy duty			●	●	●	●	●	●	●	●	
Bundy		●	●	●	●	●	●				

Maximum working pressures

O/D mm	4	5	6	8	8**	10	10**	12	12**	14	15**	16	22	28
Max. pressure (bar)*	Nylon	28	31	25	19	10	24	8	18	6	15	6	18	15
at -40°C to +20°C	Polyurethane	10	11	9	9	-	9	-	9	-	-	-	-	-
Min. bend radius mm	Nylon	25	25	30	50		60		75		80		95	125
	Polyurethane	7	9	16	17	-	25	-	-	-	-	-	-	-

Maximum continuous working temperature: nylon +80°C, polyurethane +60°C.

*Multiply by factors in table alongside for use at higher temperatures.

**Extraflexible tube

Pressure/temperature conversion factors

Working Temperature	Factor
+30°C	0,83
+40°C	0,72
+50°C	0,64
+60°C	0,57
+80°C	0,47

Tubing and hoses

Ø 4 to 28 mm O/D

Ø 1/8" to 1 1/8" O/D



Norgren nylon tubing to DIN 73378,
DIN 74324 and BS5409-1 : 1976 table 2

O/D-I/Dmm	Length (m)	4/2,5	6/4	8/6
Corporate Red	25	PA0804025	PA0806025	PA0808025
Corporate Grey	25	PA0604025	PA0606025	PA0608025



Nylon to DIN 73378, DIN 74324 and BS5409-1 : 1976 table 2

O/D I/D	Length (m)	4/2,5	5/3	6/4	8/6	10/7,5	12/9	14/11	16/12	22/17	28/22
Natural	15	PA0004015C	PA0005015C	PA0006015C	PA0008015C	PA0010015C	PA0012015C	PA0014015C	PA0016015C	PA0022015C	PA0028015C
Natural	25	PA0004025C	PA0005025C	PA0006025C	PA0008025C	PA0010025C	PA0012025C	PA0014025C	PA0016025C	PA0022025C	PA0028025C
Natural	100	PA0004100C	PA0005100C	PA0006100C	PA0008100C	PA0010100C	PA0012100C	PA0014100C	-	-	-
Black	15	PA0704015C	PA0705015C	PA0706015C	PA0708015C	PA0710015C	PA0712015C	-	-	-	-
Black	25	PA0704025C	PA0705025C	PA0706025C	PA0708025C	PA0710025C	PA0712025C	PA0714025C	-	-	-
Black	100	PA0704100C	PA0705100C	PA0706100C	PA0708100C	PA0710100C	PA0712100C	PA0714100C	-	-	-
Blue	15	PA0504015C	PA0505015C	PA0506015C	PA0508015C	PA0510015C	PA0512015C	-	-	-	-
Blue	25	PA0504025C	PA0505025C	PA0506025C	PA0508025C	PA0510025C	PA0512025C	PA0514025C	-	-	-
Blue	100	PA0504100C	PA0505100C	PA0506100C	PA0508100C	PA0510100C	PA0512100C	PA0514100C	-	-	-
Red	15	PA0104015C	PA0105015C	PA0106015C	PA0108015C	PA0110015C	PA0112015C	-	-	-	-
Red	25	PA0104025C	PA0105025C	PA0106025C	PA0108025C	PA0110025C	PA0112025C	PA0114025C	-	-	-
Red	100	PA0104100C	PA0105100C	PA0106100C	PA0108100C	PA0110100C	PA0112100C	PA0114100C	-	-	-
Yellow	15	PA0304015C	PA0305015C	PA0306015C	PA0308015C	PA0310015C	PA0312015C	PA0314015C	-	-	-
Yellow	25	PA0304025C	PA0305025C	PA0306025C	PA0308025C	PA0310025C	PA0312025C	PA0314025C	-	-	-
Yellow	100	PA0304100C	PA0305100C	PA0306100C	PA0308100C	PA0310100C	PA0312100C	PA0314100C	-	-	-
Green	15	PA0204025C	PA0205015C	PA0206015C	PA0208015C	PA0210015C	PA0212015C	PA0214025C	-	-	-
Green	100	PA0204100C	PA0205100C	PA0206100C	PA0208100C	PA0210100C	PA0212100C	PA0214100C	-	-	-

Extraflex nylon PS11

O/D I/D	Length (m)	8/6	10/8	12/10	15/12,5
Natural	25	PS0008025	PS0010025	PS0012025	PS0015025

Polyurethane

O/D I/D	Length (m)	4/2,5	5/3	6/4	8/5,5	10/7	12/8
Natural	25	PU0004025C	PU0005025C	PU0006025C	PU0008025C	PU0010025C	PU0012025C
Natural	100	PU0004100C	PU0005100C	PU0006100C	PU0008100D	PU0010100D	PU0012100D
Black	25	PU0704025C	PU0705025C	PU0706025C	PU0708025C	PU0710025C	PU0712025C
Black	100	PU0704100C	PU0705100C	PU0706100C	PU0708100D	PU0710100D	PU0712100D
Blue	25	PU0504025C	PU0505025C	PU0506025C	PU0508025C	PU0510025C	PU0512025C
Blue	100	PU0504100C	PU0505100C	PU0506100C	PU0508100D	PU0510100D	PU0512100D
Red	25	PU0104025C	PU0105025C	PU0106025C	PU0108025C	PU0110025C	PU0112025C
Red	100	PU0104100C	PU0105100C	PU0106100C	PU0108100D	PU0110100D	PU0112100D
Yellow	25	PU0304025C	PU0305025C	PU0306025C	PU0308025C	PU0310025C	PU0312025C
Yellow	100	PU0304100C	PU0305100C	PU0306100C	PU0308100D	PU0310100D	PU0312100D
Green	25	PU0204025C	Options	PU0206025C	PU0208025C	Options	Options
Green	100	PU0204100C	Options	PU0206100C	PU0208100D	PU0210100D	PU0212100D

Key: (D) = Drum (C) = coil

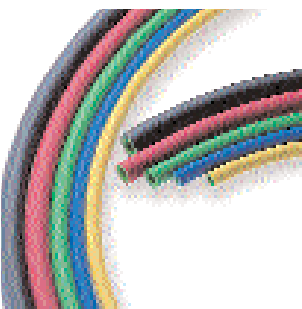


Weldtube

O/D	O/D	I/D	Max. recommended	Bend	Colour	
Outer tube (mm)	Inner tube (mm)	Inner tube (mm)	working pressure (bar)	radius (mm)		
8	6	4	10	40	Black	WT4706025
8	6	4	10	40	Red	WT4106025
8	6	4	10	40	Green	WT4206025
8	6	4	10	40	Blue	WT4506025
10	8	6	10	50	Black	WT4708025
10	8	6	10	50	Red	WT4108025
10	8	6	10	50	Green	WT4208025
10	8	6	10	50	Blue	WT4508025
12,5	10	7	10	65	Black	WT4710025
12,5	10	7	10	65	Red	WT4110025
12,5	10	7	10	65	Green	WT4210025
12,5	10	7	10	65	Blue	WT4510025
14,5	12	9	10	75	Black	WT4712025
14,5	12	9	10	75	Red	WT4112025
14,5	12	9	10	75	Green	WT4212025
14,5	12	9	10	75	Blue	WT4512025

The colours are for the outer PVC cover. tubing is supplied shrink-wrapped in 25 m coils. Other colours can be supplied for orders of sufficient quantity.

Tubing can also be supplied in longer lengths subject to economic order quantities. inch tube also available.



Inch range also available

Tubing and hoses

Ø 4 to 28 mm O/D BSPT male thread

Ø 1/8" to 1 1/8" O/D



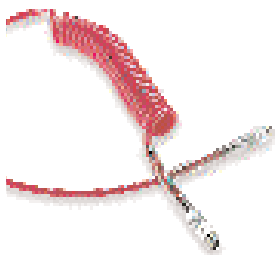
PA Pneuflex spring coils
Weldtube

O/D Tube	Adaptor (thread)	Length of closed spiral (mm)	Working length (mm)	Operating pressure at +20°C (bar)	
6	R1/4	200	3000	31	PA330600328
6	R1/4	250	3750	31	PA330600428
6	R1/4	333	5000	31	PA330600528
6	R1/4	500	7500	31	PA330600828
6	R1/4	1000	15000	31	PA330601528
8	R1/4	200	3000	22	PA330800328
8	R1/4	250	3750	22	PA330800428
8	R1/4	333	5000	22	PA330800528
8	R1/4	500	7500	22	PA330800828
8	R1/4	1000	15000	22	PA330801528
10	R1/4	210	3000	17	PA331000328
10	R1/4	262	3750	17	PA331000428
10	R1/4	350	5000	17	PA331000528
10	R1/4	525	7500	17	PA331000828
10	R1/4	1000	15000	17	PA331001528
12	R3/8	200	3000	12	PA331200338
12	R3/8	250	3750	12	PA331200438
12	R3/8	333	5000	12	PA331200538
12	R3/8	500	7500	12	PA331200838
12	R3/8	1000	15000	12	PA331201538
*15	G1/2A	166	3000	17	PA331500348
*15	G1/2A	207	3750	17	PA331500448
*15	G1/2A	277	5000	17	PA331500548
*15	G1/2A	415	7500	17	PA331500848

Mounting method: swivel fittings with male threads at both ends.

Coils are coloured yellow. Other colours can be supplied to order.

*All adaptors thread are BSPT except 1/2 BSPP male thread.

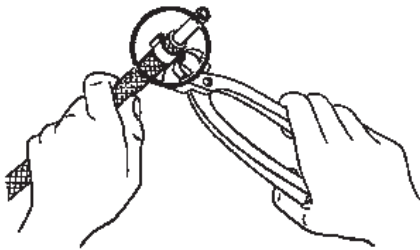


PU Pneuflex spring coils

O/D Tube	Adaptor (thread)	Length of closed spiral (mm)	Working length (mm)	Operating pressure at +20°C (bar)	
6 x 4	R1/8	165	2000	10	PU310600218
6 x 4	R1/8	350	4000	10	PU310600418
6 x 4	R1/8	545	6000	10	PU310600618
6 x 4	R1/8	720	8000	10	PU310600818
8 x 5	R1/4	180	2000	10	PU310800228
8 x 5	R1/4	400	4000	10	PU310800428
8 x 5	R1/4	630	6000	10	PU310800628
8 x 5	R1/4	800	8000	10	PU310800828
10 x 6,5	R1/4	185	2000	9	PU311000228
10 x 6,5	R1/4	400	4000	9	PU311000428
10 x 6,5	R1/4	635	6000	9	PU311000628
10 x 6,5	R1/4	800	8000	9	PU311000828
12 x 8	R3/8	180	2000	9	PU311200238
12 x 8	R3/8	390	4000	9	PU311200438
12 x 8	R3/8	590	6000	9	PU311200638
12 x 8	R3/8	780	8000	9	PU311200838

Tubing and hoses

Ø 4 to 28 mm O/D
 Ø 1/8" to 1 1/8" O/D



A special pair of pincers, product number 39001400, is available for crimping 'O' clips to hose.

Instructions

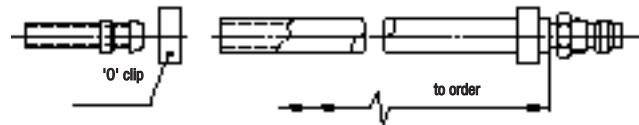
1. Cut off the desired length of hose
2. Insert reusable tailpieces
3. Slip on the clips
4. Clamp tightly with pincers

30m terylene braided hose coils, 'O' clips and pincers

O/D mm	8	10	12	13,5	16	18,5	27	33
Bore	3	5	6,3	8	10	12,5	20	25
Pressure (bar)*	10	10	10	10	10	9	7	6
Product number 30 m hose	PV 2008030	PV 2010030	PV 2012030	PV 2014030	PV 2016030	PV 2019030	PV 2027030	PV 2033030
'O' clips for above O/D hoses	48 0168 02	48 0168 03	48 0168 04	48 0168 05	48 0168 06	48 0168 07	48 0168 11	48 0168 15
Special pincers for 'O' clips	39 0014 00							

*Maximum working pressure at +20°C.

For temperatures above +20°C, consult our Technical Service.



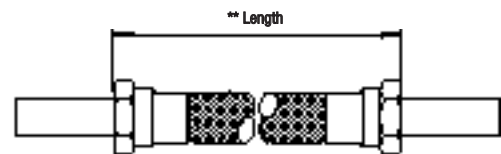
State length of hose required when ordering. Maximum length 30 m.

Terylene braided PVC hose assemblies

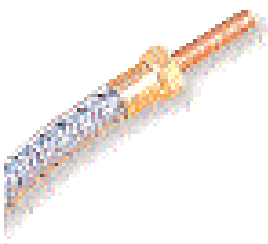
O/D mm	4	5	6	8	10	12	16	22	28
Pressure bar*	10	10	10	10	10	10	9	7	6
Min bend radius mm	28	28	31,5	31,5	48,5	48,5	50,5	70	225
To order 30 m max.	42 0200 00 000	42 0210 00 000	42 0220 00 000	42 0230 00 000	42 0240 00 000	42 0250 00 000	42 0260 00 000	42 0270 00 000	42 0280 00 000

Operating temperature: -20°C to +70°C. *Maximum working pressure at +20°C.

For use at temperatures above +20°C, consult our Technical Service.



**State length of hose required if ordering non-standard lengths.



Metal braided rubber hose

O/D mm	4	5	6	8	10	12
Pressure (bar)*	69	69	69	69	69	47
Length						
To order. 155 mm min.	42 0020 00 000	42 0030 00 000	42 0040 00 000	42 0050 00 000	42 0060 00 000	42 0070 00 000
250 mm	42 0020 00 000	42 0030 00 250	42 0040 00 250	42 0050 00 250	42 0060 00 250	42 0070 00 250
300 mm	42 0020 00 000	42 0030 00 300	42 0040 00 300	42 0050 00 300	42 0060 00 300	42 0070 00 300
350 mm	42 0020 00 000	42 0030 00 350	42 0040 00 350	42 0050 00 350	42 0060 00 350	42 0070 00 350
400 mm	42 0020 00 000	42 0030 00 400	42 0040 00 400	42 0050 00 400	42 0060 00 400	42 0070 00 400
500 mm	42 0020 00 000	42 0030 00 500	42 0040 00 500	42 0050 00 500	42 0060 00 500	42 0070 00 500
600 mm	42 0020 00 000	42 0030 00 600	42 0040 00 600	42 0050 00 600	42 0060 00 600	42 0070 00 600
750 mm	42 0020 00 000	42 0030 00 750	42 0040 00 750	42 0050 00 750	42 0060 00 750	42 0070 00 750
1000 mm	42 0020 00 000	42 0030 01 000	42 0040 01 000	42 0050 01 000	42 0060 01 000	42 0070 01 000

*Maximum working pressure at -20°C to +100°C for fluids other than compressed air. Maximum with compressed air is 10 bar.

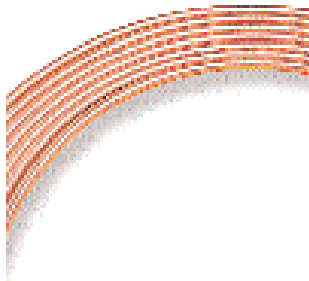
Installation notes-

1. Flexible hose is weakened when installed in a twisted position.
2. Ample bend radius should be allowed to avoid collapsing the hose.
3. When hose is installed in a flexing application remember that metal end fittings are not part of the flexible portion.
4. Use elbows or adaptors to eliminate excess hose bends.

Tubing and hoses

Ø 4 to 28 mm O/D

Ø 1/8" to 1 1/8" O/D



Copper tubing to BS 2871 : Part 2 with dimensions generally to table 4

O/D-I/D mm	Type	4/2,8	5/3,4	6/4,4	8/6,4	10/8,4	12/9,6	16/13,6	22/19,0	28/25,0
Pressure (bar)*		128	138	112	81	64	81	59	53	41
Length										
10 m coil	Annealed	CS6004010	CS 6005010	CS 6006010	CS6008010	CS 6010010				
3 m straight	Annealed						CS 6012003	CS 6016003	CS 6022003	CS 6028003

O/D-I/D mm	Type	4/2,8	5/3,4	6/4,0	8/6,0	10/7,6	12/9,6	16/13,6	22/19,0	28/25,0
Pressure (bar)*		193	208	218	157	150	122	89	81	62
Length										
3 m straight	Half hard	CS 7004003	CS 7005003	CS 7006003	CS 7008003	CS 7010003	CS 7012003	CS 7016003	CS 7022003	CS 7028003

*Recommended safe working pressure at -200°C to +50°C. For higher temperatures, multiply by factor in table below.

Working Temperature	Factor	Half Hard Copper
+50°C to +100°C	0,97	0,95
+100°C to +150°C	0,82	0,88
+150°C to +175°C	0,63	0,54
+175°C to +200°C	0,43	0,29



Bundy tube - double wall brazed steel tube 3 m straight (10 ft)

O/D mm	6	8	10	12
Pressure (bar)* at +20°C	300	250	195	160
Length				
3 m straight	BU 6306003	BU 6308003	BU 6210003	BU 6212003

*Maximum working pressure for straight length, non-pulsating pressures, when used with compression tube fittings shown in this catalogue.

Tubing and hoses

Ø 4 to 28 mm O/D

Ø 1/8" to 1 1/8" O/D



Nylon tubing

Colour	O/D Length	1/8"	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"
Natural	50'	PA0051050C	PA0053050C	PA0054050C	PA0055050C	PA0056050C	PA0057050C	PA0058050	PA0059050
	250'	PA0051250	PA0053250	PA0054250	PA0055250	PA0056250	PA0057250	-	-
	500'	-	-	-	-	PA0056500	PA0057500	-	-
	2000'	-	PA0053B00D	PA0054B00D	-	-	-	-	-
Blue	50'	PA0551050C	PA0553050C	PA0554050C	PA0555050C	PA0556050C	PA0557050C	-	-
Red	50'	-	PA0153050C	PA0154050C	PA0155050C	PA0156050C	PA0157050C	-	-
Black	50'	PA0751050C	PA0753050C	PA0754050C	PA0755050C	PA0756050C	PA0757050C	-	-
Green	50'	PA0251050C	PA0253050C	PA0254050C	PA0255050C	PA0256050C	PA0257050C	-	-
Yellow	50'	PA0351050C	PA0353050C	PA0354050C	PA0355050C	PA0356050C	PA0357050C	-	-
Brown	50'	-	PA0453050C	PA0454050C	PA0455050C	PA0456050C	PA0457050C	-	-

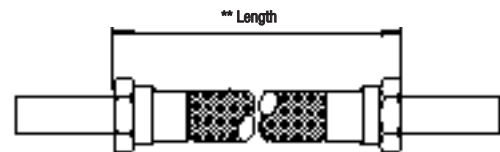
Maximum working pressures

O/D	1/8"	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"
Max. pressure (bar)* at -40°C to +20°C	28,0	21,8	20,0	19,3	18,2	14,5	13,2	10,8
Min. bend radius	0,75"	1,50"	1,75"	2,00"	2,50"	3,00"	4,00"	6,00"

*Multiply by factor in table alongside for use at higher temperatures. Maximum continuous working temperature 80°C.

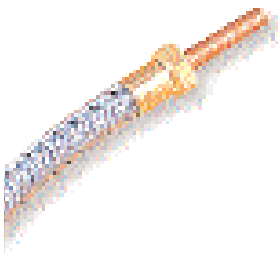
Pressure/temperature conversion factors

Working Temperature	Factor
+30°C	0,83
+40°C	0,72
+50°C	0,64
+60°C	0,57
+80°C	0,47



**State length of hose required if ordering non-standard lengths.

Metal braided rubber hose - inch



O/D mm	3/16"	1/4"	5/16"	3/8"	1/2"
Pressure (bar)*	69	69	69	69	47
Length					
To order 6 min.	41 0633 00 000	41 0634 00 000	41 0635 00 000	41 0636 00 000	41 0638 00 000
10	41 0633 00 100	41 0634 00 100	41 0635 00 100	41 0636 00 100	41 0638 00 100
12	41 0633 00 120	41 0634 00 120	41 0635 00 120	41 0636 00 120	41 0638 00 120
14	41 0633 00 140	41 0634 00 140	41 0635 00 140	41 0636 00 140	41 0638 00 140
16	41 0633 00 160	41 0634 00 160	41 0635 00 160	41 0636 00 160	41 0638 00 160
18	41 0633 00 180	41 0634 00 180	41 0635 00 180	41 0636 00 180	41 0638 00 180
20	41 0633 00 200	41 0634 00 200	41 0635 00 200	41 0636 00 200	41 0638 00 200
24	41 0633 00 240	41 0634 00 240	41 0635 00 240	41 0636 00 240	41 0638 00 240
30	41 0633 00 300	41 0634 00 300	41 0635 00 300	41 0636 00 300	41 0638 00 300
36	41 0633 00 360	41 0634 00 360	41 0635 00 360	41 0636 00 360	41 0638 00 360

*State length of hose required if ordering non-standard lengths. Minimum length 6".

When installing a flexible hose the following simple rules should be noted.

1. Flexible hose is weakened when installed in a twisted position.

2. Ample bend radius should be allowed to avoid collapsing the hose.

3. When hose is installed in a flexing application remember that metal end fittings are not part of the flexible portion.

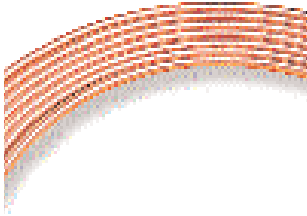
4. Use elbows or adaptors to eliminate excess hose bends.

Fittings

Tubing and hoses

Ø 4 to 28 mm O/D

Ø 1/8" to 1 1/8" O/D



Copper tubing to BS 2871 Standard duty: annealed

O/D-I/D mm	1/8	5/32	3/16	1/4	5/16	3/8	1/2	5/8	3/4	7/8	1 1/8	
Pressure (bar)*	0,069	0,100	0,131	0,178	0,240	0,303	0,404	0,529	0,622	0,747	0,99	
Length	Type	205	156	126	120	94	77	60	68	57	44	
33 ft. coil	Annealed	CS6051033	CS 6052033	CS 6053033	CS 6054033	CS 6055033	CS 6056033					
10 ft. straight	Annealed							CS 6057010	CS 6058010	CS 6059010	CS 6060010	CS 6062010

O/D-I/D mm	1/8	5/32	3/16	1/4	5/16	3/8	1/2	5/8	3/4	7/8	1 1/8	
Pressure (bar)*	0,069	0,100	0,131	0,178	0,240	0,303	0,404	0,529	0,622	0,747	0,997	
Length	Type	313	238	192	184	143	117	117	92	103	87	67
10 ft. straight	Half hard	CS7051010	CS 7052010	CS7053010	CS7054010	CS7055010	CS7056010	CS7057010	CS7058010	CS7059010	CS7060010	CS7062010

O/D-I/D mm	3/16	1/4	5/16	3/8	1/2	5/8	3/4	7/8	
Pressure (bar)*	0,115	0,154	0,216	0,279	0,372	0,497	0,590	0,747	
Length	Type	126	120	94	77	60	68	111	
10 ft. straight	Heavy duty	CH6053010	CH 6054010	CH6055010	CH 6056010	CH 6057010	CH 6058010	CH 6059010	CH 6060010

*Recommended safe working pressure at -200°C to +50°C. For higher temperatures, multiply by factor in table below.

Working Temperature	Factor	Half Hard Copper
+50°C to +100°C	0,97	0,95
+100°C to +150°C	0,82	0,88
+150°C to +175°C	0,63	0,54
+175°C to +200°C	0,43	0,29



Bundy tube - double wall brazed steel tube 3 m straight (10 ft)

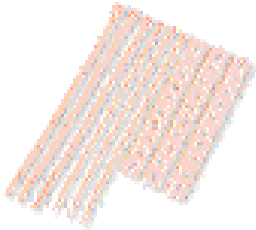
O/D mm	5/32	3/16	1/4	3/8	1/2
Pressure (bar)* at +20°C	380	340	300	195	160
Length					
10 ft. straight	BU6352010	BU 6353010	BU 6354010	BU 6356010	BU 6357010

*Maximum working pressure for straight length, non-pulsating pressures, when used with compression tube fittings shown in this catalogue.

Tubing accessories

For nylon, polyurethane, copper and steel tube

Nylon tube ties



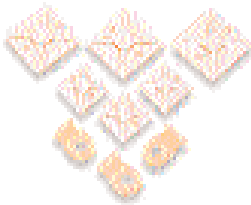
Type	Maximum bundle Ø mm	
Releasable	50	34 0380 11
	81	34 0380 12
Lockable	35	34 0380 01
	50	34 0380 02
	75	34 0380 03

Tubing channels



O/D Tube	No. of channels
10	100HA0500
10	100HA0600
10	100HA0800
6	100H61200

Nylon tube ties



Type	
Mounting cradle	34 0380 21
Confined space	34 0380 22
For releasable ties	34 0380 23
For lockable ties	34 0380 24
Cable tie mounting plate for up to 3 bundles	34 0380 25

Tubing ties

Operating temperature:
-50°C to +85°C

Minimum tensile strength:
13,61 kg - locking type
27,21 kg - releasable type



Tubing clips - single sided

mm & inch O/D tubes Type	No. of tubes	4	5 & 3/16	6 & 1/4	8 & 5/16	10 & 3/8	12 & 1/2	16 & 5/8	3/4	22	28
Single sided	1	34 0218 02	34 0218 03	34 0218 04	34 0218 05	34 0218 06	34 0218 07	34 0215 08	34 0215 09	36 0001 10	34 0215 11
	2	34 0219 02	34 0219 03	34 0219 04	34 0219 05	34 0219 06					
	3	34 0220 02	34 0220 03	34 0220 04	34 0220 05	34 0220 06					
Double sided	2							34 0216 08	34 0216 09		34 0216 11

Self-tapping screw, 48003424, is available for clips on tubes up to and including 12 mm O/D. For larger sizes use a 6 mm bolt.

Tube cutter

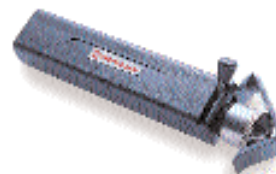


Type	
Cutter	M/3314
Replacement blade	39 0120 10*
Replacement blade	39 0120 61**

*Pack of 10

** 1-off

For use on nylon and polyurethane tubing 4 to 16 mm and 1/8" to 1/2" O/D tube.



Weldtube stripper

Type	
Stripper	39004100
Spare blades (pack of 2)	39004160