

Technical Data Sheet

Rubber Tubing

Coupled with a large range of standard rubber tubing, you can also choose from a bespoke service covering a wide range of polymers, sizes and order volumes.

You can select from extruded tubes from 0.5mm dia all the way up to 100mm . All tubing can be supplied in either straight lengths or coils and can be subsequently cut to shorter lengths either by hand, lathe or automatic guillotine. Larger tubes can be produced on mandrels.

- 10 extruded polymers
- Hardness from 30°Sh to 90°Sh
- Five extrusion processes
- Over 1000 id & od combinations
- Large size range
- Coiled, straight or cut to length

Our range of Peroxide cured silicone tubing is available in a wide variety of colours and sizes.



We also carry a range of Peroxide Cured Silicone single and twin tube dairy tubing where the dies are highly polished to achieve a strong flow rate. Please call for details on this.

See the following pages for our ranges.



Certificate Number: 14362
ISO 9001



Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

Web: www.epdm.co.uk

E-Mail: Sales@epdm.co.uk

Contact

Telephone: +44 (0)1625 573971

FAX: +44(0)1625 573250

PTM Ltd

Units AG2/3 Clarence Mill

Clarence Road, Bollington

Macclesfield, Cheshire

SK10 5JZ

United Kingdom

INDUSTRIAL TUBING - EPDM, NITRILE, VITON®

BORE DIA MM	WALL THICKNESS MM	OUTSIDE DIA MM	EPDM	NITRILE	VITON®
			PRODUCT CODE	PRODUCT CODE	PRODUCT CODE
1	1	3	EPDM/1X3	NIT/1X3	VT/1X3
1.6	1.6	4.8	EPDM/1.6X4.8	NIT/1.6X4.8	
2	1	4	EPDM/2X4	NIT/2X4	VT/2X4
3	1	5			VT/3X5
3	1.5	6	EPDM/3X6	NIT/3X6	
4	1	6			VT/4X6
4	2	8	EPDM/4X8	NIT/4X8	
5	1.5	8	EPDM/5X8	NIT/5X8	VT/5X8
6	1.5	9	EPDM/6X9	NIT/6X9	VT/6X9
6	3	12	EPDM/6X12	NIT/6X12	
7	1.5	10	EPDM/7X10	NIT/7X10	VT/7X10
8	2	12	EPDM/8X12	NIT/8X12	VT/8X12
9	2	13	EPDM/9X13	NIT/9X13	VT/9X13
10	2	14	EPDM/10X14	NIT/10X14	VT/10X14
12.5	3.25	19	EPDM/12.5X19	NIT/12.5X19	

SANTOPRENE® TUBING FOR PERISTALTIC APPLICATIONS

BORE MM	WALL MM	O.D.MM	PRODUCT CODE
1.6	1.6	4.8	SPT/1.6X4.8
3.2	1.6	6.4	SPT/3.2X6.4
4.8	1.6	8	SPT/4.8X8
6.4	1.6	9.6	SPT/6.4X9.6
8	1.6	11.2	SPT/8.0X11.2
1.6	2.4	6.4	SPT/1.6X6.4
3.2	2.4	8	SPT/3.2X8.0
4.8	2.4	9.6	SPT/4.8X9.6
6.4	2.4	11.2	SPT/6.4X11.2
8	2.4	12.8	SPT/8.0X12.8
9.6	2.4	14.4	SPT/9.6X14.4
12.7	3.2	19.1	SPT/12.7X19.1
19	4.8	28.6	SPT/19.0X28.6

STANDARD COIL LENGTH 15M



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BS2775:1987 TUBING - NATURAL AND NEOPRENE

BORE DIA MM	WALL THICKNESS MM	OUTSIDE DIA MM	RED NATURAL RUBBER	BLACK NEOPRENE
			PRODUCT CODE	PRODUCT CODE
3	0.75	4.5	RT/N03 BS2775	NT/N03 BS2775
5	1.5	8	RT/N05 BS2775	NT/N05 BS2775
6.5	1.5	9.5	RT/N06.5 BS2775	NT/N06.5 BS2775
8	2	12	RT/N08 BS2775	NT/N08 BS2775
10	2	14	RT/N10 BS2775	NT/N10 BS2775
12.5	2.25	17	RT/N12.5 BS2775	NT/N12.5 BS2775
16	3.25	22.5	RT/N16 BS2775	NT/N16 BS2775
20	3.25	26.5	RT/N20 BS2775	NT/N20 BS2775
25	3.25	31.5	RT/N25 BS2775	NT/N25 BS2775
3	3	9	RT/H03 BS2775	NT/H03 BS2775
5	4	13	RT/H05 BS2775	NT/H05 BS2775
6.5	5	16.5	RT/H06.5 BS2775	NT/H06.5 BS2775
8	6	20	RT/H08 BS2775	NT/H08 BS2775
10	7	24	RT/H10 BS2775	NT/H10 BS2775
12.5	8.5	29.5	RT/H12.5 BS2775	NT/H12.5 BS2775

IMPERIAL TUBING (BS2775:1987 Material Specification)

BORE DIA MM	WALL THICKNESS MM	OUTSIDE DIA MM	RED NATURAL RUBBER	BLACK NEOPRENE
			PRODUCT CODE	PRODUCT CODE
1.59	0.8	3.2	IRT1/16X1/8	INT1/16X1/8
1.59	1.59	4.76	IRT1/16X3/16	INT1/16X3/16
3.18	1.59	6.35	IRT1/8X1/4	INT1/8X1/4
3.18	2.38	7.94	IRT1/8X5/16	INT1/8X5/16
4.76	2.38	9.53	IRT3/16X3/8	INT3/16X3/8
6.35	2.38	11.11	IRT1/4X7/16	INT1/4X7/16
6.35	3.18	12.75	IRT1/4X1/2	INT1/4X1/2
6.35	6.35	19.05	IRT1/4X3/4	INT1/4X3/4
7.94	2.38	12.75	IRT5/16X1/2	INT5/16X1/2
7.94	3.18	14.29	IRT5/16X9/16	INT5/16X9/16
7.94	3.97	15.88	IRT5/16X5/8	INT5/16X5/8
7.94	5.56	19.05	IRT5/16X3/4	INT5/16X3/4
7.94	7.14	22.23	IRT5/16X7/8	INT5/16X7/8
9.53	1.59	12.75	IRT3/8X1/2	INT3/8X1/2
9.53	3.18	15.88	IRT3/8X5/8	INT3/8X5/8
12.75	1.59	15.88	IRT1/2X5/8	INT1/2X5/8
12.75	3.2	19.05	IRT1/2X3/4	INT1/2X3/4
12.75	4.75	22.22	IRT1/2X7/8	INT1/2X7/8
19.05	6.35	31.75	IRT3/4X11/4	INT3/4X11/4
25.4	6.35	38.1	IRT1X11/2	INT1X11/2/65



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European Tubing (Including DIN 12 865 Specification)

STANDARD SIZES (mm)- RED NATURAL RUBBER

INSIDE DIA	WALL	OUTSIDE DIA	PRODUCT CODE	COIL SIZE
2,0	1,0	4,0	ERT/2X4	10m
3,0	1,0	5,0	ERT/3X5	10m
3,0	1,5	6,0	ERT/3X6	10m
4,0	1,0	6,0	ERT/4X6	10m
4,0	1,5	7,0	ERT/4X7	10m
4,0	2,0	8,0	ERT/4X8	10m
5,0	1,5	8,0	ERT/5X8	10m
5,0	2,0	9,0	ERT/5X9	10M
6,0	1,5	9,0	ERT/6X9	10m
6,0	2,0	10,0	ERT/6X10	10m
7,0	1,5	10,0	ERT/7X10	10m
7,0	2,0	11,0	ERT/7X11	10m
8,0	2,0	12,0	ERT/8X12	10m
9,0	2,0	13,0	ERT/9X13	10m
10,0	2,0	14,0	ERT/10X14	10m
12,0	3,0	18,0	ERT/12X18	10m
14,0	3,0	20,0	ERT/14X20	10m
15,0	3,0	21,0	ERT/15X21	10m
16,0	4,0	22,0	ERT/16X22	10m
18,0	3,0	24,0	ERT/18X24	10m
20,0	5,0	30,0	ERT/20X30	10m
25,0	5,0	35,0	ERT/25X35	10m
30,0	5,0	40,0	ERT/30X40	10m

VACUUM (mm) - RED NATURAL RUBBER

INSIDE DIA	WALL	OUTSIDE DIA	PRODUCT CODE	COIL SIZE
2,00	5,00	12,00	ERT/2X12	10m
4,00	4,0	12,00	ERT/4X12	10m
5,00	5,0	15,0	ERT/5X15	10m
6,0	5,0	16,0	ERT/6X16	10m
7,0	5,0	17,0	ERT/7X17	10m
8,0	5,0	18,0	ERT/8X18	10m
10,0	5,0	20,0	ERT/10X20	10m
15,0	7,5	30,0	ERT/15X30	10m



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Hose & Ducting

				Coloured Silicones							
ID (mm)	Wall (mm)	Material	Shore Hardness	Red	Blue	Black	Yellow	Orange	Green	White	Glimmersil
3	1	Platinum	60								
3	1.5	Platinum	60								
3	2	Peroxide	75								
3	2	Platinum	60								
3	2	Platinum	70								
4	1	Platinum	60								
4	1.5	Platinum	60								
4	2	Peroxide	75								
4	2	Platinum	60								
4	2	Platinum	70								
5	1	Platinum	60								
5	2	Platinum	60								
5	2.5	Peroxide	75								
5	2.5	Platinum	70								
6	1.5	Platinum	60								
6	2	Platinum	60								
6	2.5	Peroxide	75								
6	2.5	Platinum	70								
7	2.5	Peroxide	75								
7	2.5	Platinum	70								
8	2	Platinum	60								
8	3	Peroxide	75								
8	3	Platinum	70								
9	3	Peroxide	75								
9	3	Platinum	70								
10	2	Platinum	60								
10	3	Peroxide	75								
10	3	Platinum	70								
13	2.5	Peroxide	75								
13	2.5	Platinum	70								
16	2.5	Peroxide	75								
16	2.5	Platinum	70								
19	3	Peroxide	75								
19	3	Platinum	70								
22	3	Peroxide	75								
22	3	Platinum	70								
25	3	Peroxide	75								
25	3	Platinum	70								



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WRAS & FDA Compliant Platinum Cured Silicone Tubing

Hose & Ducting

ID (mm)	Tols (mm)	Wall (mm)	Tols (mm)	OD (mm)	ID (mm)	Tols (mm)	Wall (mm)	Tols (mm)	OD (mm)
0.50	±0.10	0.50	±0.10	1.50	6.30	±0.25	1.60	±0.15	9.50
0.50	±0.10	0.80	±0.10	2.10	6.30	±0.25	2.40	±0.15	11.10
0.80	±0.10	0.80	±0.10	2.40	6.30	±0.25	3.20	±0.20	12.70
1.00	±0.10	0.50	±0.10	2.00	6.40	±0.20	0.80	±0.10	8.00
1.00	±0.10	1.00	±0.10	3.00	7.00	±0.25	1.50	±0.15	10.00
1.50	±0.10	0.50	±0.10	2.50	7.00	±0.25	2.00	±0.20	11.00
1.50	±0.10	0.75	±0.10	3.00	8.00	±0.25	1.00	±0.10	10.00
1.50	±0.10	1.00	±0.10	3.50	8.00	±0.25	1.60	±0.15	11.20
1.60	±0.10	0.80	±0.10	3.20	8.00	±0.25	2.00	±0.20	12.00
1.60	±0.10	1.60	±0.10	4.80	8.00	±0.25	2.40	±0.20	12.80
2.00	±0.10	1.00	±0.10	4.00	8.00	±0.25	2.50	±0.20	13.00
2.00	±0.15	2.00	±0.15	6.00	8.00	±0.25	3.00	±0.20	14.00
2.40	±0.15	0.80	±0.10	4.00	8.00	±0.25	4.00	±0.20	16.00
3.00	±0.15	1.00	±0.10	5.00	9.00	±0.25	2.00	±0.15	13.00
3.00	±0.15	1.50	±0.10	6.00	9.00	±0.25	3.00	±0.20	15.00
3.00	±0.15	2.00	±0.15	7.00	9.50	±0.25	3.20	±0.20	15.90
3.20	±0.15	0.80	±0.10	4.80	9.60	±0.25	1.60	±0.15	12.80
3.20	±0.15	1.00	±0.10	5.20	9.60	±0.25	2.40	±0.20	14.40
3.20	±0.15	1.60	±0.10	6.40	10.00	±0.25	1.00	±0.15	12.00
4.00	±0.20	0.80	±0.10	5.60	10.00	±0.25	2.00	±0.15	14.00
4.00	±0.15	1.00	±0.10	6.00	10.00	±0.25	2.50	±0.20	15.00
4.00	±0.20	1.50	±0.15	7.00	10.00	±0.25	3.00	±0.20	16.00
4.00	±0.20	2.00	±0.15	8.00	10.00	±0.25	4.00	±0.25	18.00
4.00	±0.20	3.00	±0.20	10.00	12.00	±0.25	2.00	±0.20	16.00
4.80	±0.20	0.80	±0.10	6.40	12.70	±0.25	3.20	±0.20	19.10
4.80	±0.20	1.60	±0.15	8.00	12.80	±0.25	1.60	±0.15	16.00
4.80	±0.20	2.40	±0.15	9.60	12.80	±0.25	2.40	±0.20	17.60
5.00	±0.20	1.00	±0.10	7.00	13.00	±0.40	3.00	±0.20	19.00
5.00	±0.20	1.50	±0.15	8.00	15.00	±0.50	3.00	±0.20	21.00
5.00	±0.20	2.00	±0.15	9.00	16.00	±0.50	2.40	±0.20	20.80
5.00	±0.20	2.50	±0.20	10.00	16.00	±0.50	3.00	±0.20	22.00
6.00	±0.20	1.00	±0.10	8.00	19.00	±0.70	3.20	±0.20	25.40
6.00	±0.20	1.50	±0.15	9.00	20.00	±0.70	3.00	±0.20	26.00
6.00	±0.20	2.00	±0.15	10.00	22.00	±0.80	3.00	±0.20	28.00
6.00	±0.25	3.00	±0.20	12.00	25.00	±0.80	3.00	±0.20	31.00



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