

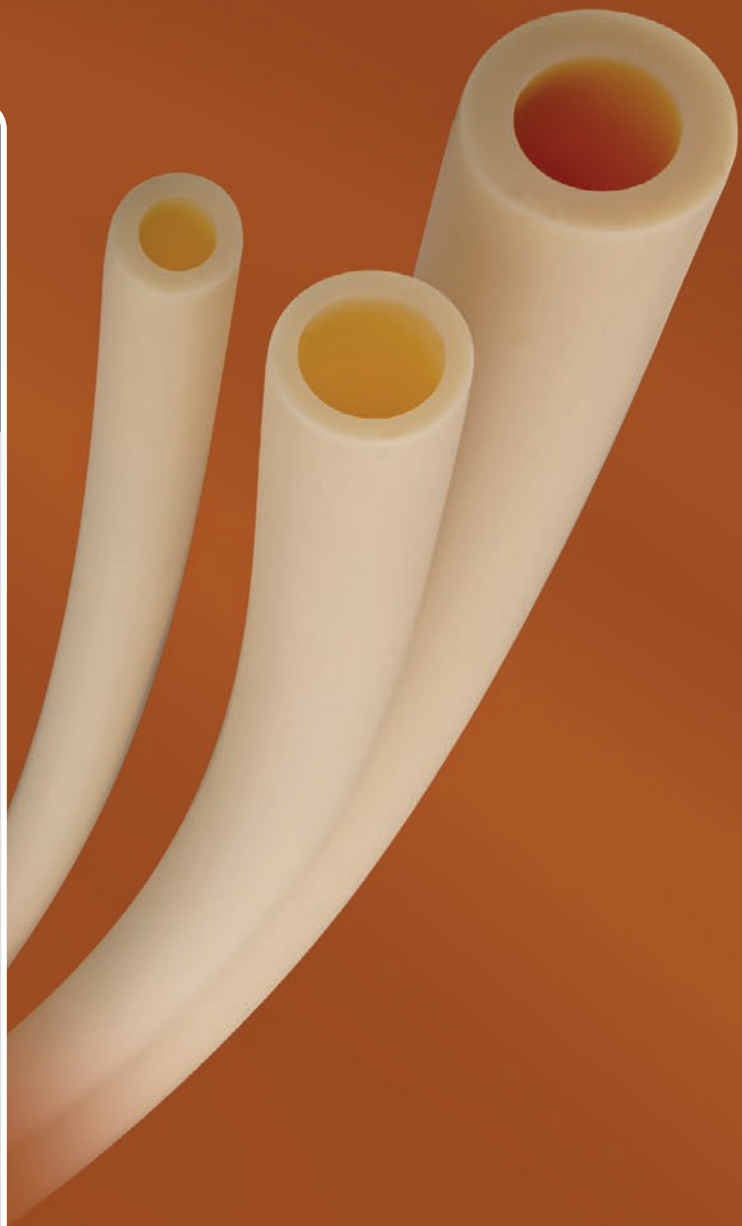
MARPRENE TUBING

Long-life process tubing

Ideal for:
**High chemical
resistance to
acids and alkalis**

Marprene is very long lasting compared with many other tubing materials. Long-life tubing means stoppages for a tube change are rare events, easily fitted in with general maintenance.

- Wide chemical compatibility
- Opaque to UV and visible light
- Low gas permeability
- Meets FDA standards for handling aqueous foods
- NSF/ANSI 61



MARPRENE TUBING

For long-life and chemical compatibility

Marprene offers exceptionally long-life and resistance to a wide range of chemicals, especially oxidising agents such as ozone, peroxides and sodium hypochlorite. It is the first choice for a wide variety of applications in different industries such as chemical, environmental, pulp and paper, print and packaging.

Operating pressures of 0-2bar can be achieved with Marprene continuous tubing. A range of LoadSure tube elements increases the pressure capability up to a maximum of 7bar.

Tube ordering codes						
Bore		Wall		Coil size		
mm	inch	mm	inch	15m/50ft	5m/16ft	152m/500ft
0.5	1/50	1.6	1/16	902.0005.016	902.0005.J16	902.0005.R16
0.8	1/32	1.6	1/16	902.0008.016	902.0008.J16	902.0008.R16
1.6	1/16	1.6	1/16	902.0016.016	902.0016.J16	902.0016.R16
2.4	3/32	1.6	1/16	902.0024.016	902.0024.J16	902.0024.R16
3.2	1/8	1.6	1/16	902.0032.016	902.0032.J16	902.0032.R16
4.8	3/16	1.6	1/16	902.0048.016	902.0048.J16	902.0048.R16
6.4	1/4	1.6	1/16	902.0064.016	902.0064.J16	902.0064.R16
						122m/400ft
8.0	5/16	1.6	1/16	902.0080.016	902.0080.J16	902.0080.R16
						152m/500ft
1.6	1/16	2.4	3/32	902.0016.024	902.0016.J24	902.0016.R24
3.2	1/8	2.4	3/32	902.0032.024	902.0032.J24	902.0032.R24
						122m/400ft
4.8	3/16	2.4	3/32	902.0048.024	902.0048.J24	902.0048.R24
						91m/300ft
6.4	1/4	2.4	3/32	902.0064.024	902.0064.J24	902.0064.R24
						61m/200ft
8.0	5/16	2.4	3/32	902.0080.024	902.0080.J24	902.0080.R24
						46m/150ft
9.6	3/8	2.4	3/32	902.0096.024	902.0096.J24	902.0096.R24
4.8	3/16	3.2	1/8	902.0048.032	-	-
					3m/10ft	61m/200ft
6.4	1/4	3.2	1/8	902.0064.032	902.0064.I32	902.0064.R32
						46m/150ft
9.6	3/8	3.2	1/8	902.0096.032	902.0096.I32	902.0096.R32
12.7	1/2	3.2	1/8	902.0127.032	902.0127.I32	-
15.9	5/8	3.2	1/8	902.0159.032	902.0159.I32	-
8.0	-	4.0	-	902.0080.040	902.0080.I40	-
12.0	-	4.0	-	902.0120.040	902.0120.I40	-
16.0	-	4.0	-	902.0160.040	902.0160.I40	-
9.6	3/8	4.8	3/16	902.0096.048	902.0096.I48	-
12.7	1/2	4.8	3/16	902.0127.048	902.0127.I48	-
15.9	5/8	4.8	3/16	902.0159.048	902.0159.I48	-
19.0	3/4	4.8	3/16	902.0190.048	902.0190.I48	-
25.4	1	4.8	3/16	902.0254.048	902.0254.I48	-

Marprene	Characteristics
Material	Thermoplastic elastomer
Colour/transparency	Beige/opaque
Spallation	Fair
Life/hours	313/314 pumpheads - 10,000 620R pumpheads - 6000
Standard	FDA regulation 21 CFR 177.2600 for contact with aqueous food
Operating temperature	5C to 80C
Hardness Shore A (5sec)	62 to 68
Specific gravity	0.95 - 0.98
Ultimate tensile strength	>798
Elongation at break %	340 - 600
UV resistance	Excellent
Gas permeability rating	Fair
Water absorption	Low

ASTM methods Hardness: ASTM D 2240; Specific gravity: ASTM D 792; Tear B, Ultimate tensile strength, Elongation at break, Tensile stress at 100% elongation; ASTM D 412