

Diesel-resistant,flexible, flame-retardant elastomer tubing

◆ Features

- Shrink ratio: 2 :1
- Operating temperature range: -65°C~150°C
- Minimum fully recovery temperature:175°C
- Abrasion resistance and excellent mechanical properties

◆ Color

Standard color: black. Nonstandard colors can be available upon request.



◆ Technical Data

Property		Test method	Requirement
Longitudinal shrinkage		ASTM D 2671	-10 % ~ 10 %
Tensile strength		ASTM D 638	≥11.7MPa
Ultimate elongation		ASTM D 638	≥250%
Aging 150°C,168 hrs	Tensile strength after aging	ASTM D 638	≥10.3MPa
	Ultimate elongation after aging	ASTM D 638	≥200%
Dielectric voltage withstand		UL224	2500V, 60sec, no breakdown
Dielectric strength		ASTM D2671	≥11.9kV/mm
Heat shock <200°C, 4hrs>		ASTM D 2671	No cracking, dripping or flowing
Flammability		Self-extinguishing within 1 minute	Pass

◆ Dimension

Size (inch)	Inside diameter(mm/inch)		Wall thickness(mm/inch)	Standard Length (m/length)
	As supplied(min.)	After recovery(max)	After recovery(max)	
1/16	1.6 (0.063)	0.85 (0.033)	0.40±0.08 (0.016±0.003)	100
3/32	2.4 (0.093)	1.2 (0.047)	0.51±0.08 (0.020±0.003)	100
1/8	3.2 (0.125)	1.6 (0.063)	0.76±0.15 (0.030±0.006)	100
3/16	4.8 (0.187)	2.4 (0.093)	0.84±0.15 (0.033±0.006)	100
1/4	6.4 (0.250)	3.2 (0.125)	0.89±0.15 (0.035±0.006)	100
3/8	9.5 (0.375)	4.8 (0.187)	1.02±0.20 (0.040±0.008)	50
1/2	12.7 (0.500)	6.4 (0.250)	1.22±0.20 (0.048±0.008)	30
5/8	16.0 (0.630)	9.0 (0.354)	1.32±0.38 (0.052±0.015)	30
3/4	19.1 (0.750)	9.5 (0.375)	1.45±0.28 (0.057±0.011)	30
7/8	22.4 (0.882)	12.0 (0.472)	1.65±0.38 (0.065±0.015)	30
1	25.4 (1.000)	12.7 (0.500)	1.78±0.28 (0.070±0.011)	30
5/4	32.0 (1.260)	18.0 (0.709)	2.20±0.50 (0.087±0.020)	20
3/2	38.1 (1.500)	19.0 (0.750)	2.41±0.41 (0.095±0.016)	20
2	50.8 (2.000)	25.4 (1.000)	2.79±0.41 (0.110±0.016)	20
3	76.2 (3.000)	38.1 (1.500)	3.18±0.50 (0.125±0.020)	20

Non standard sizes are available upon request.

Cut pieces available upon request.