

High Temperature Chemical Resistant Heat Shrinkable Tubing

Specification Values

PROPERTY	TEST METHOD	VALUES
Tensile Strength	ISO 37	10.3 MPa minimum
Ultimate Elongation	ISO 37	250% minimum
Specific Gravity	ISO 1183	1.95 maximum
Heat Shock	ASTM D2671 (4hrs at 300 °C)	no dripping, cracking or flowing
Heat Ageing	ISO 188 (168hrs at 250 °C)	
Ultimate Elongation	ISO 37	200% minimum
Low Temperature Flexibility	ASTM D2671 (4hrs at -55 °C)	no cracking
Flammability	ASTM D876	pass
Electric Strength	IEC 243-1	6KV/mm minimum
Corrosion (Copper Contact and Copper Mirror)	ASTM D2671	no corrosion
Water Absorption	ISO 62	0.5% maximum
Fluid Resistance Gasoline Lubricating Oil Hydraulic Fluid Water	ISO 1817	
Tensile Strength	ISO 37	8.8 MPa minimum
Ultimate Elongation		250% minimum
Fungus Resistance	ISO 846	no fungal growth

Specification References/Approvals

TYPE	SHRINKTEK	MILITARY
Viton®	ST6011	AMS-DTL-23053/13 DEF STAN 59-97 Type 4A VG95343 Pt 5 Type D

Viton® is a registered trademark of DuPont Dow Elastomers

- Shrink Ratio 2:1
- Operating Temperature Range -55°C to 200°C
- Shrink Temperature 175°C
- Resistance to fuels, lubricants, acids and solvents at high temperatures makes it suitable for many varied applications



Ordering Data

ORDERING SIZE		MINIMUM EXPANDED DIAMETER		MAXIMUM RECOVERED DIAMETER		NOMINAL RECOVERED WALL		STANDARD REEL LENGTH	
ins	mm	ins	mm	ins	mm	ins	mm	ft	m
1/8	3.2	0.125	3.2	0.062	1.6	0.030	0.76	165	50
3/16	4.8	0.187	4.8	0.093	2.4	0.033	0.84	165	50
1/4	6.4	2.50	6.4	0.125	3.2	0.035	0.89	165	50
3/8	9.5	0.375	9.5	0.187	4.8	0.040	1.02	165	50
1/2	12.7	0.500	12.7	0.250	6.4	0.048	1.22	100	30
3/4	19.1	0.750	19.1	0.375	9.5	0.057	1.45	100	30
1	25.4	1.000	25.4	0.500	12.7	0.070	1.78	100	30
1 1/2	38.1	1.500	38.1	0.750	19.0	0.095	2.41	50	15
2	50.8	2.000	50.8	1.000	25.4	0.110	2.79	50	15

Standard Colours: black

Standard Packaging: on reels (see table for lengths)

To order: specify product part number, size and colour (e.g. Viton® 3.2 BLK)

