



# Heat Shrinkable, Flexible, Abrasion-Resistant Elastomer Tubing

## Specification Values

PROPERTY	TEST METHOD	VALUES
Tensile Strength	ISO 37	14 MPa minimum
Ultimate Elongation	ISO 37	350%
Heat Shock	ASTM D2671 (4hrs at 200 °C)	no dripping, cracking or flowing
Heat Ageing	ISO 188 (168hrs at 150 °C)	
Tensile Strength	ISO 37	10 MPa minimum
Ultimate Elongation		200% minimum
Low Temperature Flexibility	ASTM D2671 (4hrs at -75 °C)	no cracking
Flammability	ASTM D876	pass
Electric Strength	IEC 243-1	8KV/mm minimum
Corrosion (Copper Contact and Copper Mirror)	ASTM D2671	no corrosion
Fluid Resistance	ISO 1817	
Gasoline		
Hydraulic Fluid		
Lubricating Oil		
Tensile Strength	ISO 37	10 MPa minimum
Ultimate Elongation		200% minimum
Fungus Resistance	BS 2011 Pt 2.1J	Not greater than rating 2

## Specification References/Approvals

TYPE	SHRINKTEK	MILITARY
SE	ST6010	AMS-DTL-23053/1

- Shrink Ratio 2:1
- Operating Temperature Range -70°C to 120°C
- Shrink Temperature 110°C
- Ideal for providing a mechanically tough, solvent resistant cable jacket



## 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	0.027	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	0.250	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	19.0	0.750	19.0	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 1/4	31.8	1.25	31.8	0.714	18.1	0.087	2.20	100	30
1 1/2	38.0	1.500	38.0	0.750	19.1	0.095	2.41	50	15
2	50.8	2.000	50.8	1.000	25.4	0.110	2.79	72	22

**Standard Colours:** black

**Standard Packaging:** on reels (see table for lengths)

**To order:** specify product part number, size and colour (e.g. SE 6.4 BLK)

