

## Flexible, Flame Retarded Heat Shrinkable Polyolefin Tubing 3:1 Shrink Ratio

### Specification Values/Approvals

PROPERTY	TEST METHOD	VALUES
Tensile Strength	ISO 37	10 MPa minimum
Ultimate Elongation	ISO 37	250% minimum
Specific Gravity	ISO 1183	1.35 maximum
Heat Shock	ASTM D2671 (4hrs at 250 °C)	no dripping, cracking or flowing
Heat Ageing	ISO 188 (168hrs at 175 °C)	
Ultimate Elongation	ISO 37	150% minimum
Low Temperature Flexibility	ASTM D2671 (4hrs at -55 °C)	no cracking
Flammability (Except Clear)	ASTM D876	pass
Electric Strength	IEC 243	20KV/mm minimum
Corrosion (Copper Contact and Copper Mirror)	ASTM D2671	no corrosion
Water Absorption	ISO 62	0.5% maximum
Fluid Resistance	ISO 1817	
Gasoline		
Hydraulic Fluid		
Lubricating Oil		
Tensile Strength	ISO 37	5 MPa minimum
Ultimate Elongation		200% minimum
Fungus Resistance	ISO 846	
Tensile Strength	ISO 37	10 MPa minimum
Ultimate Elongation		250% minimum

### Specification References/Approvals

TYPE	SHRINKTEK	MILITARY	UNDERWRITERS LAB	CSA
SP-3X	ST6007	AMS-DTL-23053/5 DEF STAN 59-97 VG95343 Pt 5	UL 224 VW1 600V, 125 °C FILE NO. E196685	600V, 125 °C (OFT) FILE NO. LR228795

- Shrink Ratio 3:1
- Operating Temperature Range -55°C to 135°C
- Shrink Temperature 100°C
- High shrink ratio accommodates difficult or irregular shapes



## Ordering Data

ORDERING SIZE mm	MINIMUM EXPANDED DIAMETER		MAXIMUM RECOVERED DIAMETER		NOMINAL RECOVERED WALL		STANDARD REEL LENGTH	
	ins	mm	ins	mm	ins	mm	ft	m
1.5/0.5	0.060	1.5	0.019	0.5	0.18	0.45	500	150
3/1	0.118	3.0	0.039	1.0	0.022	0.55	500	150
4.5/1.5	0.177	4.5	0.059	1.5	0.022	0.555	500	150
6/2	0.236	6.0	0.079	2.0	0.026	0.65	250	75
9/3	0.354	9.0	0.118	3.0	0.030	0.75	250	75
12/4	0.472	12.0	0.157	4.0	0.030	0.75	250	75
18/6	0.709	18.0	0.236	6.0	0.033	0.85	250	75
24/8	0.944	24.0	0.315	8.0	0.039	1.00	100	30
39/13	1.534	39.0	0.512	13.0	0.045	1.15	100	30

**Standard Colours:** black  
(other colours available to order)

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

**To order:** specify product part number, size and colour (e.g. SP3X 9 BLK)

