

Flexible Flame Retarded Polyolefin Heat Shrinkable Tubing Fully Marked to UL/CSA Requirements

Specification Values

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	7 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	UNDERWRITERS LAB	CSA
SPUL	ST6003	UL 224 VW1 600V, 125° C FILE NO. E196685	600V, 125° C (OFT) FILE NO. LR228795

- Shrink Ratio 2:1
- Operating Temperature Range -55°C to 135°C
- Shrink Temperature 100°C
- Specifically for use on equipment requiring UL marked components



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
$\frac{3}{64}$	1.2	0.046	1.2	0.023	0.6	0.018	0.45	500	150
$\frac{1}{16}$	1.6	0.063	1.6	0.031	0.8	0.018	0.45	500	150
$\frac{3}{32}$	2.4	0.093	2.4	0.046	1.2	0.019	0.50	500	150
$\frac{1}{8}$	3.2	0.125	3.2	0.062	1.6	0.019	0.50	500	150
$\frac{3}{16}$	4.8	0.187	4.8	0.093	2.4	0.019	0.50	500	150
$\frac{1}{4}$	6.4	0.250	6.4	0.125	3.2	0.026	0.65	250	75
$\frac{3}{8}$	9.5	0.375	9.5	0.187	4.8	0.026	0.65	250	75
$\frac{1}{2}$	12.7	0.500	12.7	0.250	6.4	0.026	0.65	250	75
$\frac{3}{4}$	19.0	0.750	19.0	0.375	9.5	0.029	0.75	250	60
1	25.4	1.000	25.4	0.500	12.7	0.035	0.90	250	60
$1\frac{1}{2}$	38.1	1.500	38.1	0.750	19.1	0.039	0.95	100	30
2	50.8	2.000	50.8	1.000	25.4	0.045	1.00	100	30
3	76.2	3.000	76.2	1.500	38.1	0.049	1.25	100	30
4	102.0	4.000	102.0	2.000	50.8	0.055	1.40	100	30

Standard Colour: black
(other colours available to order)

Standard Packaging: on reels (see table for lengths). Also available in 1.2m lengths

To order: specify product part number, size and colour (e.g. SPUL 4.8 BLK)

