

Commercial Grade Flame Retarded Heat Shrinkable Polyolefin Tubing

Specification Values

PROPERTY	TEST METHOD	VALUES
Tensile Strength	ISO 37	10 MPa minimum
Ultimate Elongation	ISO 37	200% minimum
Specific Gravity	ISO 1183	1.4 maximum
Heat Shock	ASTM D2671 (4hrs at 200°C)	no dripping, cracking or flowing
Heat Ageing	ISO 188 (168hrs at 150°C)	
Ultimate Elongation	ISO 37	150% minimum
Low Temperature Flexibility	ASTM D2671 (4hrs at -40°C)	no cracking
Flammability (except Clear)	ASTM D2671	pass
Electric Strength	IEC 243-1	20KV/mm minimum
Corrosion (Copper Mirror)	ASTM D2671	no corrosion
Water Absorption	ISO 62	0.5% maximum
Fluid Resistance	ISO 1817	
Automotive Gasoline		
Hydraulic Fluid		
Lubricating Oil		
Tensile Strength	ISO 37	7MPa minimum
Ultimate Elongation	ISO 37	175% minimum

Specification References/Approvals

TYPE	SHRINKTEK
SPC	ST6001

- Shrink Ratio 2:1
- Operating Temperature Range -55°C to 125°C
- Shrink Temperature 95°C
- Suitable for high volume commercial and industrial 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
$\frac{3}{64}$	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	0.029	0.65	250	75
$\frac{3}{4}$	19.0	0.750	19.0	0.375	9.5	0.035	0.75	200	60
1	25.4	1.000	25.4	0.500	12.7	0.039	0.90	200	60
$1\frac{1}{2}$	38.1	1.500	38.1	0.750	19.0	0.039	1.00	100	30
2	50.8	2.000	50.8	1.000	25.4	0.045	1.15	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 Colours: black, white, red, blue, yellow, clear
(other colours available to order)

Standard Packaging: on reels (see table for lengths)

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

