

# 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

- 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)

