

# Flexible Flame Retarded, Low-Fire Hazard Heat Shrinkable Tubing

## Specification Values

PROPERTY	TEST METHOD	VALUES
Tensile Strength	ISO 37	7 MPa minimum
Ultimate Elongation	ISO 37	200% minimum
Heat Shock	ASTM D2671 (4hrs at 175°C)	no dripping, cracking or flowing
Heat Ageing	ISO 188 (168hrs at 135°C)	no cracking
Low Temperature Flexibility	ASTM D2671 (4hrs at -30°C)	no cracking
Flammability	ASTM D876	pass
Electric Strength	IEC 243-1	15KV/mm minimum
Corrosion (Copper Mirror)	ASTM D2671	no corrosion
Fluid Resistance	ISO 1817	
Automotive Gasoline		
Lubricating Oil		
Hydraulic Fluid		
Tensile Strength	ISO 37	4 MPa minimum
Ultimate Elongation		100% minimum
Oxygen Index at Ambient Temperature	ISO 4589-2	32 minimum
Smoke Index	IEC 60684-2	20 maximum
Toxicity Index	IEC 60684-2	5 maximum per 100 grams
Fungus Resistance	IEC 68-2-10	2 maximum

## Specification References/Approvals

TYPE	SHRINKTEK	MILITARY	B.S.
SPZH	ST6005	DEF Standard 59-97	BS4G-198 Pt.3 Type 15

- Shrink Ratio 2:1
- Operating Temperature Range -30°C to 125°C
- Shrink Temperature 100°C
- No added halogens
- Suitable for applications requiring low smoke emissions



## 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	0.016	0.40	500	150
$\frac{1}{16}$	1.6	0.063	1.6	0.031	0.8	0.017	0.43	500	150
$\frac{3}{32}$	2.4	0.093	2.4	0.046	1.2	0.020	0.51	500	150
$\frac{1}{8}$	3.2	0.125	3.2	0.062	1.6	0.020	0.51	500	150
$\frac{3}{16}$	4.8	0.187	4.8	0.093	2.4	0.020	0.51	500	150
$\frac{1}{4}$	6.4	0.250	6.4	0.125	3.2	0.025	0.64	250	75
$\frac{3}{8}$	9.5	0.375	9.5	0.187	4.8	0.025	0.64	250	75
$\frac{1}{2}$	12.7	0.500	12.7	0.250	6.4	0.025	0.64	250	75
$\frac{3}{4}$	19.0	0.750	19.0	0.375	9.5	0.030	0.76	200	60
1	25.4	1.000	25.4	0.500	12.7	0.035	0.89	200	60

**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. SPZH 4.8 BLK)

