

**SPF3X \*\*NEW PRODUCT\*\***  
**135°C Flat 3:1 Shrink Ratio Flame Retarded Zero Halogen Heat Shrinkable Polyolefin Tubing**

<b>Shrink Ratio:</b>	3:1
<b>Operating Temperature:</b>	-55°C to 135°C
<b>Shrink Temperature:</b>	100°C
<b>Applications:</b>	Supplied flat ideal for use in printers



**Usage**



\*Roll over icons for description

**Specification Values**

**Ordering Data**

**Specification References/Approvals**

**Ordering Size**

**Min Expanded Diameter**

**Max Recovered Diameter**

**Nom Recovered Wall**

**Standard Reel Length**

ins	mm	ins	mm	ins	mm	ins	mm	m	ft
3/32	2.4	0.093	2.4	0.032	0.8	0.022	0.57	30	100
1/8	3.2	0.125	3.2	0.039	1.0	0.022	0.57	30	100
3/16	4.8	0.187	4.8	0.063	1.6	0.022	0.57	30	100
1/4	6.4	0.250	6.4	0.083	2.1	0.023	0.58	30	100
3/8	9.5	0.375	9.5	0.125	3.2	0.024	0.60	30	100
12.7	12.7	0.500	12.7	0.165	4.2	0.024	0.60	30	100
3/4	19.1	0.750	19.0	0.250	6.4	0.024	0.60	30	100
1	25.4	1.000	25.4	0.335	8.5	0.026	0.65	30	100

**Standard Colours**



Other colours not available presently

**Standard Packaging**

On Reels

**RoHS Compliance**

2003/11/EC Compliant?	2002/95/EC	From What Date?
Yes	Yes	>3 Years

**Specification Values****Ordering Data****Specification References/Approvals**

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

**Standard Colours**

WHITE



YELLOW

Other colours not available presently

**Standard Packaging**

On Reels