



FEATURES

- A highly flexible, radiation cross-linked tubing used for insulating, jacketing and bundling of wire harnesses and components
- Made from flame retardant polyolefin, it has excellent electrical, chemical and physical properties
- Operating temperature range -55°C to 125°C
- Shrink temperature 100°C
- Shrink Ratio 3:1 or 4:1
- Flexible High Shrink
- Military, 3:1 UL Recognised Component



TECHNICAL DATA

PROPERTY	TEST METHOD	VALUES					
Tensile Strength	ISO 37	10.4 MPa min.					
Ultimate Elongation	ISO 37	250% max.					
Specific Gravity	ISO 1183	1.35 max.					
Heat Shock	ASTM D 2671 (4hrs at 250°C)	No dripping, cracking or flowing					
Heat Ageing	ISO 188 (168hrs at 175°C)						
Ultimate Elongation	ISO 37	150% min.					
Low Temperature Flexibility	ASTM D 2671 (4hrs at -55°C)	No Cracking					
Flammability (Except Clear)	ASTM D 876	Pass					
Electric Strength	IEC 243	20 KV/mm min.					
Corrosion (Copper Contact)	ASTM D 2671	No corrosion					
Water Absorption	ISO 62	0.5% max.					
Fluid Resistance	ISO 1817						
<table border="1"> <tr><td>Gasoline</td></tr> <tr><td>Hydraulic Fluid</td></tr> <tr><td>Lubrication Oil</td></tr> <tr><td>Tensile Strength</td></tr> <tr><td>Ultimate Elongation</td></tr> </table>	Gasoline	Hydraulic Fluid	Lubrication Oil	Tensile Strength	Ultimate Elongation		
	Gasoline						
	Hydraulic Fluid						
	Lubrication Oil						
	Tensile Strength						
Ultimate Elongation							
Fungus Resistance	ISO 846						
<table border="1"> <tr><td>Tensile Strength</td></tr> <tr><td>Ultimate Elongation</td></tr> </table>	Tensile Strength	Ultimate Elongation	ISO 37	10 MPa min.			
	Tensile Strength						
Ultimate Elongation							
		250% min.					

SPECIFICATION REFERENCES

RoHS	MILITARY	UNDERWRITERS LAB	FLAME RETARDANT
	AMS-DTL 23053/5 DEF STAN 59-97, VG95343 Pt5	UL Recognised Component (File: E196685 SP3X)	

3:1

ORDERING SIZE (mm)	MINIMUM EXPANSION (mm)	MAXIMUM RECOVERED (mm)	FULLY RECOVERED WALL (mm)	STANDARD REEL LENGTH (M)
1.5	1.5	0.5	0.45	150
3	3.0	1.0	0.55	150
4.5	4.5	1.5	0.55	150
6	6.0	2.0	0.65	75
9	9.0	3.0	0.75	75
12	12.0	4.0	0.75	75
18	18.0	6.0	0.85	75
24	24.0	8.0	1.00	30
39	39.0	13.0	1.15	30

4:1

ORDERING SIZE (mm)	MINIMUM EXPANSION (mm)	MAXIMUM RECOVERED (mm)	FULLY RECOVERED WALL (mm)	STANDARD REEL LENGTH (M)
19	19	4.6	1.7	1.2
25.4	25.4	7.0	1.7	1.2
38.1	38.1	9.5	1.7	1.2
50.8	50.8	14.0	1.7	1.2
76.2	76.2	20.6	1.7	1.2
102	102	36.8	1.7	1.2
115	115	46.0	1.7	1.2

ORDERING

Comes in black. Other colours available upon request for 3:1 only.

COLOURS:

Black (BK)

ORDER CODE:

Product Size Colour
 PF3X / PF4X
 Example: 19mm ID Black 3:1 is PF3X 19 BK