PFZH Shrink Sleeve Polyolefin Flexible Flame Retardant Polyolefin Tubing Low Fire Hazard 2:1 Ratio



FEATURES

- A highly flexible, no added halogens 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 -30°C to 125°C
- Shrink temperature 100°C
- Shrink Ratio 2:1
- Zero Halogen
- DEF STAN, BS

TECHNICAL DATA

PROPERTY		TEST METHOD	VALUES	
Tensile Strength		ISO 37	7 MPa min.	
Ultimate Elongation		ISO 37	200% max.	
Specific Gravity		ISO 1183	1.4 max.	
Heat Shock		ASTM D 2671 (4hrs at 175°C)	No dripping, cracking or flowing	
Heat Ageing		ISO 188 (168hrs at 135°C)		
Ultimate Elongation		ISO 37	150% min.	
Low Temperature Flexibility		ASTM D 2671 (4hrs at -30°C)	No Cracking	
Flammability (Except Clear)		ASTM D 876	Pass	
Electric Strength		ICE 243	15 KV/mm min.	
Corrosion (Copper Contact)		ASTM D 2671	No corrosion	
Water Absorption		ISO 62	0.5% max.	
Fluid Resistance	e	ISO 1817		
	Tensile Strength	ISO 37	4 MPa min.	
	Ultimate Elongation	ISO 37	100% min.	
Oxygen Index at Ambient Temp.		ISO 4589-2	32 max.	
Smoke Index		ICE 60684-2	20 max.	
Toxicity Index		ICE 60684-2	5 max. per 100g	
Fungus Resistance		ICE 60684-2	2 max.	

ORDERING

Comes in a wide range of colours and is normally supplied in in reels and can be cut to length.

COLOURS:

Black (BK) Other colours available upon request.

ORDER CODE:

Product Size Colour PFZH _____ Example: 3.2mm ID Black is PFZH 3.2 BK



SPECIFICATION REFERENCES

RoHS	MILITARY	BRITISH STANDARD	FLAME RETARDANT
Rous	DEF STAN 59-97	BS 4G-198 Pt.3 Type 15	

DIMENSIONS

ORDERING SIZE (mm)	MINIMUM EXPANSION (mm)	MAXIMUM RECOVERED (mm)	FULLY RECOVERED WALL (mm)	STANDARD REEL LENGTH (M)
1.2	1.2	0.60	0.40	150
1.6	1.6	0.80	0.43	150
2.4	2.4	1.2	0.51	150
3.2	3.2	1.6	0.51	150
4.8	4.8	2.4	0.51	150
6.4	6.4	3.2	0.64	75
9.5	9.5	4.8	0.64	75
12.7	12.7	6.4	0.64	75
19.0	19.0	9.5	0.76	60
25.4	25.4	12.7	0.89	60

Shrink Sleeve Ltd. 01732 462841 - <u>www.shrinksleeve.com</u> - info@shrinksleeve.com Shrink Sleeve Ltd. Is a BS EN ISO 9001: 2015 registered company

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