

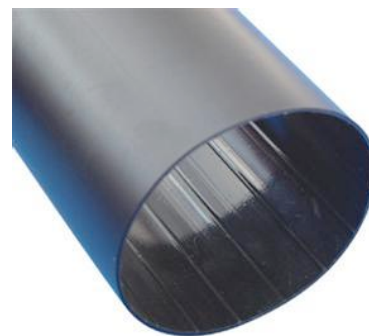
BH-FR5X

5.6:1 FLAME RETARDANT HEAT SHRINKABLE TUBING

Features/Applications

BH-FR5X tubing manufactured with special technology with shrink ratio as high as 5.6:1. Suitable to fit components with large size differences.

- Meet: UL224 VW-1 125°C 600V
SAE-AMS-DTL-23053/15
- Meet: RoHs, Sony-SS-00259
- Shrink ratio: 5.6:1
- Flame retardant
- Resistant to common fluids and solvents
- Operating temperature: -55°C ~ 135°C
- Minimum fully recovery temperature: 130°C
- Standard color: Black



Technical Data

Property	Test Method	Typical Data
Tensile strength	ASTM D2671	>16MPa
Elongation at break	ASTM D2671	>500%
Tensile strength after aging (175°C, 168hrs)	ASTM D2671	>14Mpa
Elongation after aging (175°C, 168hrs)	ASTM D2671	>250%
Flammability	Self-extinguish in 30sec	Pass
Heat shock (250°C, 4hrs)	ASTM D2671	No cracking
Cold bend test (-55°C, 4hrs)	ASTM D2671	No cracking
Dielectric strength	ASTM 150	20kV/mm
Volume resistance	ASTM 876	$10^{14} \Omega \cdot \text{cm}$
Copper corrosion	UL224	Pass
Water absorption	ASTM D570	>0.15%
Chemical resistance	SAE-AMS-DTL-23053/5	Pass
Longitudinal shrinkage	UL224	-5% ~ +5%
Eccentricity	UL224	<30%

Product Dimensions (mm)

Normal size (mm)	As supplied (mm)	After recovered (mm)	
	Inside diameter (Min.)	Inside diameter (Max.)	Wall thickness
BH-FR5X 15/4	15	3.8	1.52
BH-FR5X 32/6	32	5.6	1.52
BH-FR5X 45/8	45	8.0	2.40
BH-FR5X 51/10	51	9.5	2.70