

# BH-FRA3

## FLAME RETARDANT HEAVY WALL ADHESIVE-LINED TUBING

### Features/Applications

BH-FRA3 is made from radiation cross-linked polyolefin with hot melt Adhesive. Suitable for protecting electrical splices, cable terminations and joints where flame retardant and electrical insulation and water proof are required .

- Shrink temperature: 120℃
- Operating temperature: -55℃ to 110℃
- Standard color: Black, Red, Grey



### Technical Data

Property	Test Method	Typical Data
Tensile strength	ASTM D 2671	≥14MPa
Tensile strength after aging	ASTM D 2671/158℃, 168hrs.	≥12MPa
Longitudinal change after shrinking	ASTM D 2671	0, -10%
Elongation at break	ASTM D 2671	≥300%
Elongation at break after aging	ASTM D 2671/120℃, 168hrs.	≥200%
Dielectric strength	IEC 243	≥20KV/mm
Heat shock (4hrs. at 225℃)	ASTM D 2671	No cracking or flowing
Volume resistance	IEC 93	≥10 <sup>14</sup> Ω.cm
Flammability	SAE-AMS-DTL-23053/5	Self extinguish in 30 sec.
Thermoplastic Adhesive		
Water absorption	ISO 62	<0.2%
Softening point	ASTM D E28	85℃
Peel strength (PE)	DIN 30672	4 N/cm
Copper stability	ASTM D 2671	Non-corrosive
Resistance to fungus and decay	ISO 846	Pass

### Product Dimensions (mm)

Normal size(mm)	As supplied (mm)  Inside diameter (min.)	After recovered (mm)		*Style	Standard length(mm)
		Inside diameter (Max.)	Wall thickness (Nom.)		
9/3	9	3	2	○	1000-1500
13/4	13	4	2.5	○	1000-1500
22/6	22	6	2.7	○	1000-1500
33/8	33	8	3.2	○	1000-1500
40/12	40	12	4.1	○	1000-1500
55/16	55	16	4.1	○	1000-1500
75/22	75	22	4.1	○	1000-1500
95/29	95	29	4.1	○	1000-1500
115/34	115	34	4.3	○	1000-1500
130/36	130	36	4.3	○	1000-1500

\*style "O": round or oval