

BH-FRA2

FLAME RETARDANT MEDIUM WALL TUBING WITH HOT MELTINK ADHESIVE

Features/Applications

BH-FRA2 is made from radiation crosslinked polyolefin and lined 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°C
- Operating temperature: -55°C to 110°C
- Standard color: Black, Red and Grey

Technical Data

| Property | Test Method | Typical Data |
|-------------------------------------|----------------------------|----------------------------|
| Tensile strength | ASTM D 2671 | ≥14MPa |
| Tensile strength after aging | ASTM D 2671/158°C, 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°C, 168hrs. | ≥200% |
| Dielectric strength | IEC 243 | ≥20KV/mm |
| Heat shock (4hrs. at 225°C) | ASTM D 2671 | No cracking or flowing |
| Volume resistance | IEC 93 | ≥10 ¹⁴ 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°C |
| 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/inch)

| Normal size (mm) | As supplied | After recovered (mm) | | *Style | Standard length (mm) |
|------------------|------------------------|------------------------|----------------------|--------|----------------------|
| | Inside diameter (min.) | Inside diameter (Max.) | Wall thickness (Min) | | |
| 22/6 | 22 | 6 | 2.5 | ○ | 1000-1500 |
| 33/8 | 33 | 8 | 2.5 | ○ | 1000-1500 |
| 40/12 | 40 | 12 | 2.5 | ○ | 1000-1500 |
| 55/16 | 55 | 16 | 2.7 | ○ | 1000-1500 |
| 65/19 | 65 | 19 | 2.8 | ○ | 1000-1500 |
| 75/22 | 75 | 22 | 3.0 | ○ | 1000-1500 |
| 95/25 | 95 | 25 | 3.0 | ○ | 1000-1500 |
| 115/34 | 115 | 34 | 3.0 | ○ | 1000-1500 |
| 140/42 | 140 | 42 | 3.0 | ○ | 1000-1500 |
| 160/50 | 160 | 50 | 3.0 | ○ | 1000-1500 |
| 180/58 | 180 | 58 | 3.0 | ○ | 1000-1500 |
| 200/65 | 200 | 65 | 3.0 | ○ | 1000-1500 |
| 235/65 | 235 | 65 | 3.0 | ○ | 1000-1500 |
| 265/75 | 265 | 75 | 3.0 | ○ | 1000-1500 |
| 300/85 | 300 | 85 | 3.0 | ○ | 1000-1500 |

*Style : “○” round shape or Oval