

BH-EGT

HIGH INSULATION/ELASTOMERIC DOUBLE LAYER TUBING

Features/Applications

BH-EGT is dual wall heat shrinkable tubing. Its inner layer is made from elastomeric insulation materials to provide high insulation and the external layer is made from radiation cross-linked polyolefin material.

Designed for applications to seal and protect power cable

Joints up to 11KV, 24KV, 36KV

- Minimum shrink temperature: 90℃
- Minimum fully recovery temperature: 120℃



Technical Data

| Property | Test Method | Typical Data |
|------------------------|--------------------|------------------------|
| Inner Layer | | |
| Tensile strength | ASTM D 412 | ≥5MPa |
| Elongation at break | ASTM D 412 | ≥800% |
| Water absorption | ISO 62 | <0.5% |
| Volume resistance | IEC 93 | ≥10 ¹⁵ Ω.cm |
| Dielectric strength | IEC 243 | ≥28KV/mm |
| Density | ASTM D792 | 1.1g/cm ³ |
| External Layer | | |
| Operating temperature | IEC 216 | -40 to +110℃ |
| Tensile strength | ASTM D2671 | ≥12MPa |
| Elongation at break | ASTM D2671 | ≥300% |
| Density | ASTM D792 | 1.10g/cm ³ |
| Longitudinal shrinkage | UL224 | 0 to -10% |
| Dielectric strength | IEC243 | ≥20kV/mm |
| Volume resistance | IEC93 | ≥10 ¹⁴ Ω.cm |
| Dielectric constant | IEC250 | 3.0 (max) |
| Water absorption | ISO 62/23℃, 14days | <0.5% |

Product Dimensions (mm)

| Normal size (mm) | As supplied (mm) | After recovered (mm) | | | |
|---------------------|------------------------------|---------------------------|-----------------------------------|------------------------|------------------------------------|
| | Inside diameter (min.) | Inside diameter (max.) | Total Wall thickness (Nom.) | External layer (mm) | Inner elastomeric layer (mm) |
| BH-EGT240 42/16 | 42 | 16 | 4.1±0.20 | 2.1±0.10 | 2.0±0.10 |
| BH-EGT240 47/18 | 47 | 18 | 4.1±0.20 | 2.1±0.10 | 2.0±0.10 |
| BH-EGT240 54/21 | 54 | 21 | 4.1±0.20 | 2.1±0.10 | 2.0±0.10 |
| BH-EGT240 62/26 | 62 | 26 | 4.1±0.20 | 2.1±0.10 | 2.0±0.10 |
| BH-EGT360 55/20 | 55 | 20 | 6.1±0.20 | 3.1±0.10 | 3.0±0.10 |
| BH-EGT360 62/25 | 62 | 25 | 6.1±0.20 | 3.1±0.10 | 3.0±0.10 |
| BH-EGT360 70/30 | 70 | 30 | 6.1±0.20 | 3.1±0.10 | 3.0±0.10 |
| BH-EGT360 80/34 | 80 | 34 | 6.1±0.20 | 3.1±0.10 | 3.0±0.10 |
| BH-EGT360 95/40 | 95 | 40 | 6.1±0.20 | 3.1±0.10 | 3.0±0.10 |
| BH-EGT360 105/46 | 105 | 46 | 6.1±0.20 | 3.1±0.10 | 3.0±0.10 |