

BH-SC360

STRESS CONTROL HEAT SHRINKABLE TUBING FOR 36KV  
JOINTS AND TERMINATIONS

Features/Applications:

BH-SC360 is made from radiation cross-linked polyolefin material, The specially designed chemical formulation and carefully controlled manufacture technology makes the tube effectively control the high electrical stress present at insulation termination of power cables up to 36KV.

- Electric stress relief
- Minimum shrink temperature: 100°C
- Minimum fully recovery temperature: 130°C



Technical Data

|                           |             |   |
|---------------------------|-------------|---|
| Tensile strength          | ASTM D 638  | ≥12MPa  |
| Elongation at break       | ASTM D 638  | ≥300%   |
| Heat Shock (200°C/30mins) | ES109-13    | No splitting, cracking dropping or flowing after 30 mins at 200°C |
| Dielectric constant       | IEC 250     | 30~55   |
| Volume Resistance         | IEC 93      | ≥10 <sup>9</sup> Ω .cm  |
| Low Temp Flexibility      |             | No cracking after 4hrs at -20°C (max)                             |
| Water absorption          | ISO 62      | <1.0%   |
| Longitudinal shrinkage    | --          | ±5%   |
| Eccentricity              | ASTM S 2671 | <35%  |

Product Dimensions (mm)

| Normal size | As supplied (mm)      | After recovered (mm)  |                      | Standard length<br>(Meters/Pc) |
|-------------|-----------------------|-----------------------|----------------------|--------------------------------|
|             | Inside diameter(Min.) | Inside diameter(Max.) | Wall thickness(Min.) |                                |
| 26/10       | 26                    | 10                    | 2.7                  | 1.0~1.5                        |
| 30/12       | 30                    | 12                    | 2.8                  | 1.0~1.5                        |
| 35/14       | 35                    | 14                    | 2.9                  | 1.0~1.5                        |
| 40/16       | 40                    | 16                    | 3.0                  | 1.0~1.5                        |
| 47/18       | 47                    | 18                    | 3.0                  | 1.0~1.5                        |
| 55/21       | 55                    | 21                    | 3.1                  | 1.0~1.5                        |
| 65/24       | 65                    | 24                    | 3.2                  | 1.0~1.5                        |
| 75/30       | 75                    | 30                    | 3.2                  | 1.0~1.5                        |
| 85/30       | 85                    | 30                    | 3.4                  | 1.0~1.5                        |
| 95/45       | 95                    | 45                    | 3.2                  | 1.0~1.5                        |