

BH-SC100

STRESS CONTROL HEAT SHRINKABLE TUBING FOR 11-24KV

JOINTS AND TERMINATIONS

Features/Applications:

BH-SC100 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 screen in termination and joint of power cables up to 11KV and 24KV.

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



Technical Data

Property	Test Method	Typical Data
Tensile strength	ASTM D 638	≥10MPa
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	15~30
Volume Resistance	IEC 93	≥10 ⁹ 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 (Meters/Pc)
	Inside diameter(Min.)	Inside diameter(Max.)	Wall thickness(Min.)	
26/10	26	10	2.6	1.0~1.5
30/12	30	12	2.7	1.0~1.5
35/14	35	14	2.8	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	3.0	1.0~1.5
65/24	65	24	3.0	1.0~1.5
75/30	75	30	3.2	1.0~1.5
85/30	85	30	3.2	1.0~1.5
95/45	95	45	3.0	1.0~1.5