

## Semi-conducting/insulation dual layer Heat Shrink Tube

DWSC Twin layer screened insulating composite tubing



DWSC is double layer heat shrink tube with inner layer made from insulation material to provide high insulation and external layer is made from semi-conductive materials to provide electric shielding, the tubing manufactured with special technology, which is suitable for applications in power cable joints up to 36kv.

Minimum shrink temperature: 100°C, Minimum fully recovery temperature: 130°C

### Technical Data

Property	Test Method	Typical Data
<b>Inner Layer</b>		
Tensile strength	ASTM D2671	≥12MPa
Elongation at break	ASTM D2671	≥300%
Water absorption	ISO 62	<0.5%
Volume resistance	IEC 93	≥ 10 <sup>14</sup> Ω .cm
Dielectric strength	IEC 243	≥20kv/mm
Density	ASTM D257-98	1.1g/ cm <sup>3</sup>
<b>External Layer</b>		
Tensile Strength	ASTM D638	≥14Mpa
Elongation at break	ASTM D638	≥300%
Water absorption	ISO 62	<0.5%
Volume resistance	IEC93	<10 <sup>4</sup> Ω .cm
Density	ASTM D257-98	1.2g/cm <sup>3</sup>

### Product Dimensions

Normal Size(mm)	As supplied(mm)	After Recovered(mm)		Standard Length 1 to 1.2m
	ID(min.)	ID (Max.)	Total wall thickness (nom.)	
36/12	36	12	5.4	1 to 1.2m
45/15	45	15	5.4	1 to 1.2m
55/18	55	18	5.4	1 to 1.2m
65/22	65	22	6.0	1 to 1.2m
73/26	73	26	6.0	1 to 1.2m
85/30	85	30	6.0	1 to 1.2m
95/34	95	34	6.0	1 to 1.2m
100/38	100	38	6.0	1 to 1.2m
115/34	115	34	6.0	1 to 1.2m
120/45	120	45	6.1	1 to 1.2m