

# Heat Shrinkable Insulation/Semi-conductive Tubing

## MCIT

### Application

- Used for medium voltage straight joint up to 35kV.

**Color Standard:** Red/Black

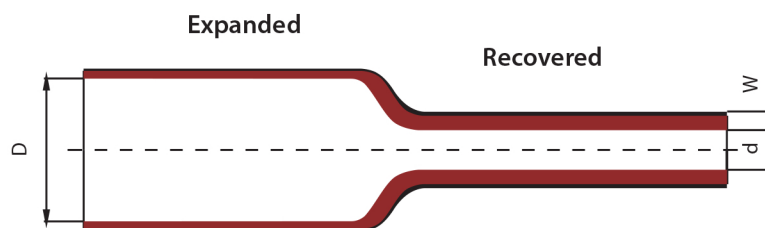
### Operating Temperature

- -40°C to +100°C



### Feature

- Inner layer is for insulation.
- External layer is for semi-conductive purpose.
- Superior electrical and mechanical properties



Type	Application Diameter Range(mm)	Expanded(mm)			Recovered(mm)	
		D(min)	d(max)	W(min)		
MCIT 35/13	14-23	35	13	5.2		
MCIT 45/16	17-30	45	16	5.2		
MCIT 55/20	21-36	55	20	5.2		
MCIT 65/27	28-43	65	27	5.2		
MCIT 85/30	31-55	85	30	6.5		

### Performance

Property	Test Method	Requirements
<b>Inner layer</b>		
Tensile strength	IEC 60684-2	> 8MPa
Elongation at break	IEC 60684-2	> 400%
Bending at low temperature	IEC 60684-2	No cracking
Dielectric strength	IEC 60684-2	> 12KV/mm
Water absorption	IEC 60684-2	< 0.5%
<b>Heat aging</b>		
Tensile strength	IEC 60684-2	> 8MPa
Elongation at break	IEC 60684-2	> 200%
<b>External layer</b>		
Tensile strength	IEC 60684-2	> 10MPa
Elongation at break	IEC 60684-2	> 200%
Water absorption	IEC 60684-2	< 0.5%
Volume resistivity	IEC 60684-2	> 10 <sup>4</sup> Ω.m