

# Heat Shrinkable Insulation Tubing with Semi-Conductive Layer

This heat shrinkable tubing features an inner layer for insulation and an external semi-conductive layer. It provides superior electrical and mechanical properties for medium voltage applications up to 36kV.



## Product Overview

### Dual-Layer Insulation Solution

This heat shrinkable tubing is engineered with a specialized dual-layer construction, featuring an inner layer for superior electrical insulation and an external layer designed for semi-conductive performance. It delivers excellent electrical and mechanical properties, making it an ideal choice for critical power transmission and distribution infrastructure. Designed for reliability, this tubing provides robust environmental protection for medium voltage straight joints up to 36kV.

## Technical Specifications

### Operating Temperature

**-40 °C**

Min Temperature

**100 °C**

Max Temperature

### Color Standard

Red • Black

### Max Voltage Application

Up to 36kV

## Size Specifications

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

Dimensional specifications for various MCIT tubing models, illustrating expanded and recovered states.

### Dimensional Data

Type	Application Range (mm)	Expanded D (min mm)	Recovered d (max mm)	Recovered Wall W (min mm)
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