



# HEDT-100

Semi-Conductive/  
Elastomeric Insulation  
Double Layers Tubing



### Features:

- Dual wall Crosslinked polyolefin/ EPDM
- Co-extrusion technology
- Excellent electrical properties
- Up to 15kV
- Min. shrink temp.: 110°C
- Min. full recovery temp.: 130°C

### Dimensions:

Size (mm)	As supplied (mm)		After recovered (mm)			Standard length
	Min. inside diameter	Max. inside diameter	Max. inside diameter	Min. Red layer wall thickness	Min. Black layer wall thickness	
HEDT-100 35/13	40	45	13	6.0	2.4	1000mm
HEDT-100 45/17	48	54	17	6.6	2.6	1000mm
HEDT-100 50/21	56	62	21	7.0	2.7	1000mm
HEDT-100 65/26	68	73	26	7.0	2.7	1000mm

### Technical properties:

Property	Test Method	Typical Data
<b>Inner layer</b>		
Tensile strength	ASTM D 638	≥5MPa
Ultimate elongation	ASTM D 638	≥800%
Water absorption	ISO 62	<0.5%
Volume resistance	IEC 93	≥10 <sup>15</sup> Ω . cm
Dielectric strength	IEC 243	≥28 kV/mm
Density	ASTM D 257-98	1.0g/cm <sup>3</sup>
<b>External layer</b>		
Tensile strength	ASTM D 638	≥14 MPa
Ultimate elongation	ASTM D 638	≥300%
Water absorption	ISO 62	<0.5%
Volume resistance	IEC 93	<10 <sup>4</sup> Ω .cm
Density	ASTM D 257-98	1.15g/cm <sup>3</sup>

### Ordering information:

**Standard colors:**

Black/Red

**Special colors:**

N/A

**Packaging:**

Standard packaging in 1m lengths.

Other: Other cut lengths are available, please contact our sales department.