



# HDWT

## Semi-Conductive/Insulation Double Layer Tubing



### Features:

- Dual wall conducting/insulating
- Crosslinked polyolefin
- Co-extrusion technology
- Excellent electrical properties
- Extra heavy wall of insulation
- Up to 36kV
- Min. shrink temp.: 110°C
- Min. full recovery temp.: 130°C

### Dimensions:

Size (mm)	As supplied (mm)		After recovered (mm)		Standard length
	D*(Min.)	d*(Max.)	w*(Min.)		
HDWT 36/12	36	12	5.0		1000-1200mm
HDWT 45/14	46	14	5.0		1000-1200mm
HDWT 55/16	55	16	5.5		1000-1200mm
HDWT 62/18	62	18	5.5		1000-1200mm
HDWT 66/20	66	20	5.5		1000-1200mm
HDWT 73/23	73	23	5.5		1000-1200mm
HDWT 85/26	86	26	5.5		1000-1200mm
HDWT 95/30	95	30	5.5		1000-1200mm
HDWT 115/34	115	34	5.5		1000-1200mm

D\* = Inner diameter as supplied    d\* = Inner diameter after recovered    w\* = Wall thickness after fully recovered

### Technical properties:

Property	Test Method	Typical Data
<b>Inner layer</b>		
Tensile strength	ASTM D 2671	≥ 12MPa
Ultimate elongation	ASTM D 2671	≥ 300%
Water absorption	ISO 62	< 0.5%
Volume resistance	IEC 93	≥ 10 <sup>14</sup> Ω . cm
Dielectric strength	IEC 243	≥ 20 kV/mm
Density	ASTM D 257-98	1.15g/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>14</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, 1.22m lengths.

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