



HDWT

Semi-Conductive/Insulation
Double Layer Tubing



Features:

- Dual wall conducting/insulating
- Cross linked 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
Inner layer		
Tensile strength	ASTM D 2671	≥ 12 MPa
Ultimate elongation	ASTM D 2671	$\geq 300\%$
Water absorption	ISO 62	$< 0.5\%$
Volume resistance	IEC 93	$\geq 10^{14} \Omega \cdot \text{cm}$
Dielectric strength	IEC 243	≥ 20 kV/mm
Density	ASTM D 257-98	1.15g/cm ³
External layer		
Tensile strength	ASTM D 638	≥ 14 MPa
Ultimate elongation	ASTM D 638	$\geq 300\%$
Water absorption	ISO 62	$< 0.5\%$
Volume resistance	IEC 93	$< 10^4 \Omega \cdot \text{cm}$
* Density	ASTM D 257-98	1.15g/cm ³

Ordering information:

Standard colors:

Black/Red

Special colors:

N/A

Packaging:

Standard packaging in 1m, 1.22m lengths.

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