

## DTWT Heat Shrinkable Triple Layer Tubing

- Inner layer is made from Hi K material to stress control
- The medium layer is made from insulation material to provide higher insulation.
- External layer is made from semi-conductive materials to provide electric shielding
- Suitable for applications in power cable joints up to 12 kV
- Minimum fully recovered temperature :130°C

**40**  
Years of  
Experience

**35**  
Countries  
Global  
Presence

**200**  
Plus Skilled  
Manpower

**4**  
World Class  
Manufacturing  
Facilities

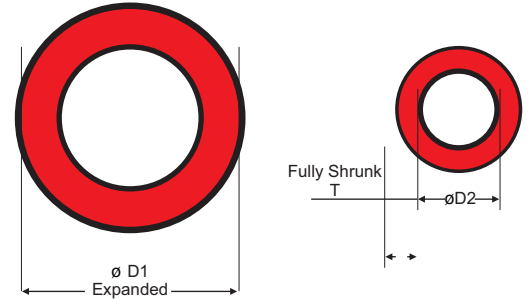
**50**  
Internationally  
Approved  
Products

**DENSONS** Heat Shrinkable Terminations and Straight Joints offer unsurpassed technical superiority. Using state-of-the-art manufacturing technology. Densons High Voltage products provide maximum protection against Tracking, Corona Discharge and Dielectric Stresses. Densons High Voltage Products are easily adaptable to cover a broad range of cable sizes, and conforming to various Internationally accepted standards such as **IS, VDE, IEC, IEEE**.

### Dimension Chart for Tripple Layer Tubing

Code	As Supplied		After Recovered
	ø D1 (max.)	ø D2 (max.)	T(min.)
DTWT - 42/19	42	19	8.0
DTWT - 60/29	60	29	8.0
DTWT - 76/38	76	38	8.0

Note: All Dimensions are in mm



### Technical Data (Inner stress control layer):

Property	Test Method	Requirements
Tensile strength	ASTM D 2671	10 N/mm <sup>2</sup> (min.)
Elongation at break	ASTM D 2671	200% (min.)
Water absorption	ISO 62	0.5% (max.)
Volume resistance	IEC 93	10 <sup>8</sup> Ω cm (min.)

### Technical Data (Medium insulation layer):

Property	Test Method	Requirements
Tensile strength	ASTM D 2671	8 N/mm <sup>2</sup> (min.)
Elongation at break	ASTM D 2671	200% (min.)
Water absorption	ISO 62	0.5% (max.)
Volume resistance	IEC 93	10 <sup>12</sup> Ω cm (min.)
Dielectric Strength	IEC 243	10 kV/mm (min.)

### Technical Data (External semi-conducting layer):

Property	Test Method	Requirements
Tensile strength	ASTM D 638	8 N/mm <sup>2</sup> (min.)
Elongation at break	ASTM D 638	200% (min.)
Water absorption	ISO 62	0.5% (max.)
Volume resistance	IEC 93	10 <sup>4</sup> Ω cm (min.)