



TTRT MEDIUM VOLTAGE
TRIPLE LAYER SCREENED INSULATING
COMPOSITE TUBING

TRANSEAL™



Shelf Life & Storage: Heat Shrink Product provided by TRANSEAL has a over 5 year's shelf life from date of manufacture when stored in a humidity controlled environment (-10°C to 40°C and <75% relative humidity).

Ordering Information: Standard Color : Black

Features: Application up to 36KV
 Extra heavy wall of insulation layer
 Shrink ratio 3:1

Semi-conductive / insulation / elastomer triple layers
 Co-extruded twin layer
 Min. full recovery temp. 130°C



D* = Inner diameter as supplied
 d* = Inner diameter after fully recovered
 W* = Outer Layer Wall thickness after fully recovered

Typical Technical Performances		
Test Items	Test method	Test Requirements
Insulation Layer		
Tensile Strength	ASTM D 2671	10 Mpa min.
Ultimate Elongation	ASTM D 2671	200% min.
Volume Resistivity	IEC 93	10 ¹⁴ Ω-cm min
Water Absorption	ISO 62	0.5% max.
Elastomer Layer		
Tensile Strength	ASTM D 2671	5 Mpa min.
Ultimate Elongation	ASTM D 2671	500% min.
Volume Resistivity	IEC 93	10 ¹⁴ Ω-cm min
Semi conductor Layer		
Tensile Strength	ASTM D 2671	12 Mpa min.
Ultimate Elongation	ASTM D 2671	200% min.
Volume Resistivity	ASTM D 257	10 ⁴ Ω-cm min

Size	As Supplied (mm)	After recovered (mm)		Standard Length (m)
	D* (Min.)	d* (Max.)	W* (Min.)	
36/12	36	12	7.3	1.0-1.22
46/15	46	15	7.3	1.0-1.22
50/18	50	18	7.3	1.0-1.22
56/21	56	21	7.3	1.0-1.22
62/25	62	25	7.3	1.0-1.22
70/30	70	30	7.3	1.0-1.22
80/36	80	36	7.3	1.0-1.22
95/40	95	40	7.3	1.0-1.22
120/50	120	50	7.3	1.0-1.22