



TAT/TATA MEDIUM VOLTAGE ANTI-TRACKING INSULATION 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 : Red

Features:
Application up to 36KV
UV Resistant
Flexible
Min. full recovery temp. 120°C.

Anti-Tracking, Flame retardant
Semi-rigid
Shrink ratio 3:1



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
Tensile Strength	ASTM D 2671	12 Mpa min.
Ultimate Elongation	ASTM D 2671	350% min.
Tensile Strength after Aging at 150°C for 168 Hours	ASTM D 2671	10 Mpa min.
Ultimate Elongation after Aging at 150°C for 168 Hours	ASTM D 2671	100% min.
Heat shock at 200°C / 30min	ASTM D 2671	No cracking, dropping
Density	ASTM D 792	1.2-1.3 g / cm ³
Dielectric Strength	ASTM D 60243	10 KV / mm (2mm) min.
Volume Resistivity	ASTM D 2671	10 ¹² Ω-cm min
Low Temperature flexibility -40°C / 4 Hours	ASTM D 2671 Proc. C	No cracking
Permittivity	ASTM D 150	3 (nom.)
Tracking resistance	ASTM D 2303	No tracking

Size	As Supplied (mm)	After recovered (mm)		Standard Length (m)
	D* (Min.)	d* (Max.)	W* (Min.)	
Continues length Tubing (TAT)				
19/6	19	6	2.5	30m/spool or 0.5-1.5m
30/10	30	10	2.9	30m/spool or 0.5-1.5m
38/12	38	12	2.9	30m/spool or 0.5-1.5m
40/16	40	16	2.9	30m/spool or 0.5-1.5m
49/16	49	16	2.9	30m/spool or 0.5-1.5m
55/18	55	18	2.9	30m/spool or 0.5-1.5m
65/21	65	21	3.3	30m/spool or 0.5-1.5m
75/25	75	25	3.5	30m/spool or 0.5-1.5m
85/29	85	29	3.5	30m/spool or 0.5-1.5m
100/40	100	40	4.0	0.5-1.5m
130/50	130	50	4.0	1.0-1.5m
Cut length Tubing (TATA)				
30/10	30	10	2.9	1.0-1.5
40/12	40	12	2.9	1.0-1.5
43/14	43	14	2.9	1.0-1.5
49/16	49	16	2.9	1.0-1.5
55/18	55	18	2.9	1.0-1.5
65/21	65	21	3.3	1.0-1.5
75/25	75	25	3.5	1.0-1.5
85/29	85	29	3.5	1.0-1.5
100/40	100	40	4.0	1.0-1.5
130/50	130	50	4.0	1.0-1.5