



HAT

Anti Tracking Insulation Tubing



Features:

- Non tracking tubing
- Heavy wall
- Semi flexible
- Excellent electrical properties
- UV and weather resistance
- Excellent creeping resistance
- Up to 36kV
- Min. full recovery temp.: 110°C

Dimensions:

Size (mm)	As supplied (mm)		After recovered (mm)		Standard length		
	D*(Min.)	d*(Max.)	w*(Min.)				
Continues length tubing							
HAT 30/10	30	10	2.8	30m/spool	15m/spool	1.0-1.5m	
HAT 38/12	38	12	2.8	30m/spool	15m/spool	1.0-1.5m	
HAT 43/14	43	14	2.9	30m/spool	15m/spool	1.0-1.5m	
HAT 49/16	49	16	2.9	30m/spool	15m/spool	1.0-1.5m	
HAT 55/18	55	18	3.0	30m/spool	15m/spool	1.0-1.5m	
HAT 60/21	60	21	3.0	30m/spool	15m/spool	1.0-1.5m	
HAT 70/26	70	26	3.1	30m/spool	15m/spool	1.0-1.5m	
Cut length tubing							
HAT 75/25	75	25	4.0	1000-1500mm			
HAT 85/30	85	30	4.0	1000-1500mm			
HAT 100/40	100	40	4.5	1000-1500mm			

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

Technical properties:

Property	Test Method	Typical Data
Tensile strength	ASTM D 2671	≥11 MPa
Ultimate elongation	ASTM D 2671	≥400%
Longitudinal shrinkage	ASTM D 2671	0 to -10%
Heat aging Tensile strength Ultimate elongation	120°C, 168 hrs.	>10 MPa >250%
Dielectric strength	IEC 243	≥15kV/mm
Tracking resistance	ASTM D 2303 /3.75 kV, 1 hr.	Pass
Dielectric constant	IEC 250	≤3.0
Volume resistance	ASTM D 2671	≥10 ¹³ Ω.cm
Flammability (Oxygen Index)	ISO 4589	≥25
Copper corrosion	ASTM D 2671	No corrosion
Cold bend	ASTM D 2671/-40°C, 4 hrs.	No cracking
Water absorption	ISO 62/23°C, 14days	<0.15%

Ordering information:

Standard colors:

Red

Special colors:

N/A

Packaging:

Standard packaging on spools or in 1m, 1.22m, 1.5m lengths.

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