

## *Siechem* ANTI-TRACKING & BUS BAR INSULATING TUBE

### CHARACTERISTICS

- **Electron Beamed Heat shrinkable medium & thick wall tubes suitable for Indoor & Outdoor termination, straight through joints & bus bar insulation application up to 36 kV.**
- **Good anti-arc and anti-tracking with FR & UV properties**
- **Excellent flexibility and mechanical properties**
- **Good thermal and electrical stability**
- **Orange Red Color**
- **Unlimited shelf life**



Technical Data				
	Property	Unit	Test Method	Typical value
1	Tensile strength	N / mm <sup>2</sup>	ASTM D 638	8 (min.)
2	Ultimate Elongation	%	ASTM D 638	200 (min.)
3	Longitudinal change	%	ESI-09-13	<=5
4	Dielectric strength	kV/mm	ASTM D 149	10 (min.)
5	Tracking resistance		ASTM D 2303	No tracking.
6	Volume resistivity	ohm. Cm	ASTM D 257	10 <sup>12</sup> (min)
7	Low temp. flexibility	-	ESI-09-13	No cracking.after 4 Hrs. @ (-) 20 deg.C
8	Flammability	-	UL 94 HB	Pass
9	Density	gm/cm <sup>3</sup>	ASTM D 792	1.14
10	Water absorption	%	ASTM D 570	<=5
11	Properties after Thermal ageing 168 hrs. @ 150 ° C.	-	ASTM D 2671	-
	- Tensile strength	N / mm <sup>2</sup>	ASTM D 638	7 ( min.)
	- Ultimate elongation	%	ASTM D 638	100 (min.)
12	Corrossion resistance	-	ASTM D 2671	No Corrosion
13	Shrink temperature	deg. C	-	120 (min.)
14	Continous operating temp.	deg. C	-	-40 to +125 deg C
15	Heat shock, 30 Min. @ 200 deg. C	-	ESI-09-13	No splitting/ dripping cracking / flow

Dimensions	(mm)		
	Expanded Inner Dia.	Recovered Inner Dia.	Recovered wall thickness
ATT 35/12	36	12	3.5 +/-0.3
ATT 45/19	45	20	3.5 +/-0.3
ATT 55/20	55	23	3.5 +/-0.3
ATT 60/29	60	30	3.5 +/-0.3
ATT 70/30	85	35	4.0 +/-0.3
ATT 100/40	100	40	4.0 +/-0.3
ATT 130/50	130	50	4.5 +/-0.3

ATT Up to 100/40 supplied in continuous length or as per customer's requirement.  
ATT 130/50 supplied only up to 1.6 m length. However unexpanded tubes supplied in continuous length. Other sizes can be made against specific requirement.