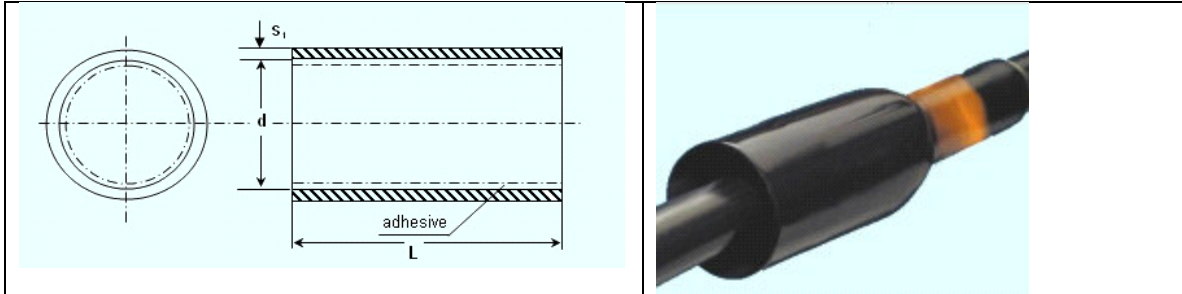


Siechem HEAVY WALL BLACK INSULATING TUBE

CHARACTERISTICS

- **Electron Beamed Heat Shrinkable heavy wall black insulating tube with excellent electrical properties.**
- **High resistance to abrasion, corrosion & chemicals.**
- **Excellent weatherability.**
- **Unlimited shelf life.**



Technical Data				
	Property	Unit	Test Method	Values
1	Tensile strength	Mpa	ISO 37	12 min.
2	Ultimate Elongation	%	ISO 37	350 min.
3	Density	gm/cm ³	SO 1183 Method A	1.0-1.2
4	Hardness	Shore D	ISO 868	40 - 60
5	Accelerated ageing			
	7 days at 150°C ± 2°C		ISO 188	
	Tensile Strength	Mpa	ISO 37	12 min.
	Ultimate elongation	%	ISO 37	350 min.
6	Low temperature flexibility		ASTM D 2671 C	
	4 hrs at -50°C ± 2°C	-	ASTM D 2671 C	No Cracking
7	Dielectric strength			200
	1 mm S ₁	kV/cm	IEC 60243 Part 1 and 2	170 min
	2 mm S ₁	kV/cm		120 min
8	Volume resistivity	Ohm cm	IEC 60093	1x10 ¹² min
9	Water absorption			
	max after 14 days at 23°C ± 2	%	ISO 62 Method 1	0.20
11	Weathering	The material from which HWT is manufactured contains carbon black to protect it from ultra-violet light		
12	Additional properties	More detailed product specification data available on request		

Dimensions						
Description	Application range (Dia)	d (mm)		S ₁ (mm)		L
		a min.	b max.	a min.	b max.	
HWT 9/3	4.0 - 8.0	9.0	3.0	0.6	2.0	Supplied in continuous length
HWT 13/4	5.0 - 12.0	13.0	4.0	0.6	2.4	
HWT 20/6	7.0 - 18.0	20.0	6.0	0.7	2.5	
HWT 33/8	9.0 - 30.0	33.0	8.0	0.7	3.2	
HWT 43/12	13.0 - 39.0	43.0	12.0	0.8	4.3	Up to 1.6mtr length
HWT 51/16	17.0 - 46.0	51.0	16.0	1.0	4.5	
HWT 70/21	23.0 - 63.0	70.0	21.0	1.0	4.4	
HWT 85/25	27.0 - 77.0	85.0	25.0	1.0	4.3	
HWT 90/30	33.0 - 81.0	90.0	30.0	1.0	4.3	
HWT 105/30	33.0 - 95.0	105.0	30.0	1.0	4.3	
HWT 130/36	40.0 - 117.0	130.0	36.0	1.0	4.3	
HWT 160/50	55.0 - 145.0	160.0	50.0	1.0	4.3	
HWT 180/50	55.0 - 162.0	180.0	50.0	1.0	4.3	
a = as supplied, b = after free recovery						
Maximum longitudinal change after free recovery:						
-15% up to 35/12 & -10% above 35/12						
Adhesive coated tube can be supplied up to 1.6 mtr length						