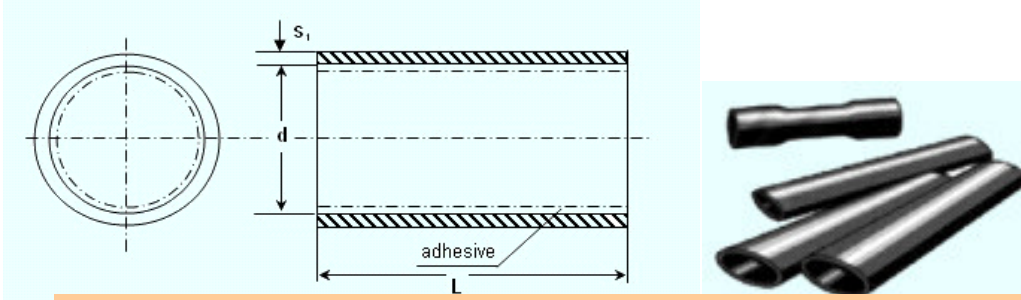


Siechem MEDIUM WALL BLACK INSULATING TUBE

CHARACTERISTICS

- Electron Beamed Heat Shrinkable medium 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	14 min.
2	Ultimate Elongation	%	ISO 37	350 min.
3	Density	gm/cm ³	ISO 1138 MethodA	1.0-1.2
4	Accelerated ageing 7 days at 150°C ± 2°C	kg/m ³		1160
	Tensile Strength	Mpa	ISO 188 ISO 37	14 min.
	Ultimate elongation	%	ISO 37	300 min.
5	Thermal endurance*	deg. C	IEC 60216	120
6	Low temperature flexibility 4 hrs at -40°C ± 3°C	-	ASTM D 2671 C ASTM D 2671 C	No Cracking
7	Dielectric strength	kV/cm	IEC 60243	200
8	Volume resistivity	Ohm cm	IEC 60093	1x10 ¹²
9	Water absorption			
	max after 14 days at 23°C ± 2°C	%	ISO 62 Method 1	0.25
10	Resistance to liquids 7 days in transformer oil VDE 0370 at 23°C ± 2°C		ISO 1817	
	Tensile strength	Mpa	ISO 37	14
	Ultimate elongation	%	ISO 37	300
11	Weathering	The material from which MWT is manufactured contains carobon black to protect it from ultra-violet light		
12	Additional properties	More detailed product specification data available on request		
* Based on ultimate elongation				

Dimensions

Description	Application range (Dia)	d (mm)		S ₁ (mm)		L
		a min.	b max.	a min.	b max.	
MWT 10/3	4.0 - 9.0	10.0	3.0	0.3	1.0	Supplied in continuous length
MWT 16/5	6.0 - 15.0	16.0	5.0	0.3	1.4	
MWT 25/8	9.0 - 23.0	25.0	8.0	0.4	2.0	
MWT 35/12	13.0 - 32.0	35.0	12.0	0.4	2.0	
MWT 50/16	18.0 - 45.0	50.0	16.0	0.5	2.0	
MWT 63/19	21.0 - 57.0	63.0	19.0	0.6	2.4	
MWT 75/22	24.0 - 68.0	75.0	22.0	0.6	2.7	
MWT 85/25	28.0 - 77.0	85.0	25.0	0.6	2.8	
MWT 95/29	32.0 - 86.0	95.0	29.0	0.7	3.1	
MWT 115/34	38.0 - 104.0	115.0	34.0	0.7	3.1	Up to 1.6mtr length
MWT 140/42	46.0 - 127.0	140.0	42.0	0.7	3.1	
MWT 160/50	55.0 - 145.0	160.0	50.0	0.7	3.2	
MWT 180/60	67.0 - 162.0	180.0	60.0	0.7	3.2	
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.						

Dimensions may vary $\pm 0.3\text{mm}$