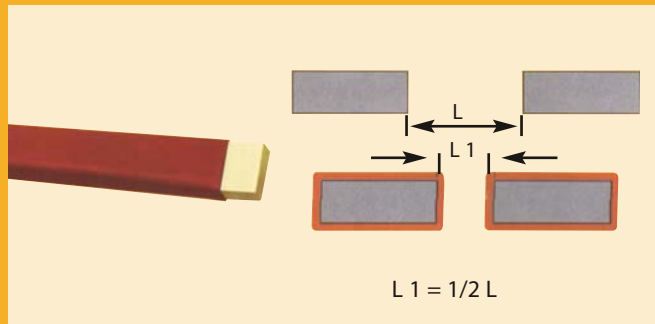


HEAT SHRINKABLE TUBES FOR MEDIUM VOLTAGE TUBOS TERMOCONTRAIBLES PARA MEDIA TENSIÓN

TUBES & SHAPES / TUBOS Y MOLDES



TBMT

BUSBAR, MEDIUM WALL

AISLACIÓN Y PROTECCIÓN DE
BARRAS-PARED MEDIA

General Features

Medium wall flexible heat shrinkable tube for straight bus bars. To reduce to half the distance between two phases in high voltage switchboards.

Características Generales

Tubo termocontraible de pared media para protección de barras. Posibilita la reducción a la mitad de la distancia entre dos fases en alta tensión.

Clearance dimensions insulated bar

Voltage max kV	Distance in air mm	On round busbar mm		On rectangular busbar mm	
		Ph./Ph.	Ph./gr.	Ph./Ph.	Ph./gr.
12	120	50	60	60	70
17,5	160	65	80	80	100
24	220	90	120	110	145
36	320	145	200	190	280

FEATURES	RESULTS*	STANDARD
Continuous Temperature Range	-40 °C ÷ +105 °C	-
Heat Shock (225°C)	No damage	ASTM D 2671-98
Tensile Strength	≥ 10 MPa	ASTM D 638-98
Elongation	≥ 400%	ASTM D 638-98
Longitudinal Change	≤ 15%	ASTM D 2671-98
Density	1,15 g / cm ³	ASTM D 792-98
Water Absorption	≤ 0,2%	ISO 62-86
Dielectric Strength	≥ 15 kV / mm	ASTM D 149-97a
Volume Resistivity	> 1x10 ¹⁴ Ω cm	ASTM D 257-98
Permittivity (εr)	≤ 3,5	ASTM D 150-98
Fungi Resistance	No growth	ASTM G 21-96
"	"	ASTM D 638-98

* Typical values

Dimensions	D min (mm)	d max (mm)	T min** (mm)	Reel (m)	Reels for box (Nr)	
30/12	30	12	2,6	50	2	
50/20	50	20	2,6	40	2	
75/30	75	30	3,5	40	2	
100/40	100	40	4,0	25	2	
120/50	120	50	4,0	25	2	
150/60	150	60	4,0	25	2	

** Free recovered

