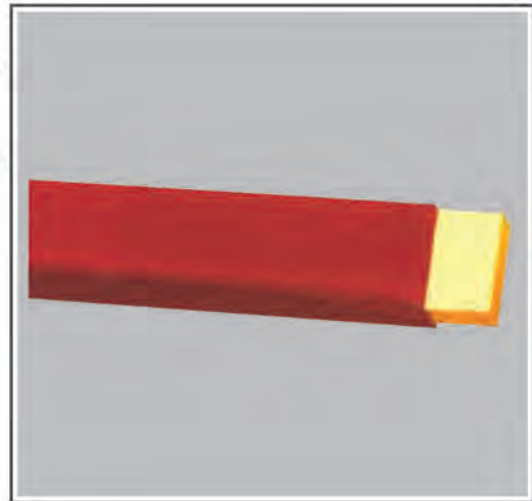
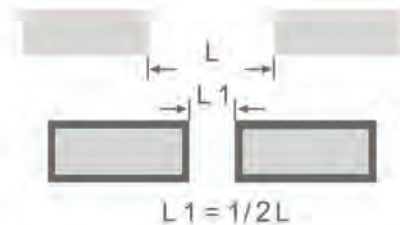


Heavy wall switchgear bus bar heat shrinkable insulation tubes, that are able to reduce the distance between two phases up to 36 kv. They made of X-linked polyolefin and shrinkable to required size at over 125 °C.



Features	Results	Standards
THERMAL		
Continuous Temperature Limits	-55°C+125°C	-
PHYSICAL		
Tensile Strength	≥ 15kV/mm	ASTM D 638
Elongation	≥ 500%	ASTM D 638
ELECTRICAL		
Dielectric Strength	≥ 25kV/mm	IEC 243
Volume Resistivity	>1*10 ¹³ Ωcm	IEC 93
Density	1.06 g/cm ³	ASTM D 792

Highest voltage KV	Distance in air mm ²	Distance Insulated busbar mm ²			
		Round busbar mm ²		Rectangular busbar mm ²	
		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



Dimensions mm ²	D min mm ²	d max mm ²	Tmin mm ²
19/6	19	6	2.6
30/12	30	12	2.6
50/20	50	20	2.6
75/30	75	30	3.5
100/40	100	40	4.0
120/50	120	50	4.0
150/60	150	60	4.0



COLORS
■ Red

MEDIUM WALL BUSBAR TUBING (TBMT)

Medium wall switchgear bus bar heat shrinkable insulation tubes, that are able to reduce the distance between two phases up to 36 kv.

They are made of X-linked polyolefin and shrink to required size at over 125 °C.



COLORS

■ Red

Features	Results	Standards
THERMAL		
Continuous Temperature Limits	-40°C+120°C	—
PHYSICAL		
Tensile Strength	≥ 14MPa	ASTM D 2671
Elongation	≥ 800%	ASTM D 2671
ELECTRICAL		
Dielectric Strength	≥ 19kV/mm	IEC 243
Volume Resistivity	>1*10 ¹⁴ Ωcm	IEC93

Dimensions mm ²	D min mm ²	d max mm ²	Tmin mm ²
15/6	15	6	2
30/12	30	12	2.3
40/16	40	16	2.5
50/20	50	20	2.5
65/25	65	25	2.5
75/30	75	30	2.6
100/40	100	40	2.8
120/50	120	50	2.8
150/60	150	60	3.3
180/60	180	60	3.3
205/75	205	75	3.8
235/75	235	75	3.8

HEAT SHRINKABLE BUSBAR TAPE (BIT)

Heat shrinkable tape is specially designed for insulating and protecting medium voltage bus bar connections.

Easy to apply, tough, waterproof tape with special adhesive coating which bonds well to most surfaces over a wide range of temperature.



FEATURES	Results	standards
THERMAL		
Continuous Temperature Limits	-55°C+105°C	—
PHYSICAL		
Tensile Strength	≥ 11.8 MPa	ASTM D 2671
Elongation	≥ 550%	ASTM D 2671
Water Absorption	≤ 0.5%	ISO 62
ELECTRICAL		
Dielectric Strength	≥ 20kV/mm	IEC243
Volume Resistivity	≥ 1*10 ¹³ 13Ωcm	IEC93
Dielectric Constant	≤ 3.5	IEC250

Size	Width of tape As supplied (mm ²)	Wall thickness After recovered (mm ²)	Standard length
BIT1	25	1±0.1	5m or 10m
BIT2	50	1±0.1	5m or 10m
BIT4	100	1±0.1	5m or 10m