

Heat shrinkable medium wall tube

protection for busbar systems and reduction of minimum clearance

The heat shrinkable tubes type SRBB are medium-walled, without thermoplastic adhesive with a shrinkage ratio of 3:1. Typical applications are medium voltage substations up to 36 kV as well as suitable for corrosion protection.



Product description

Article name	SRBB 50-18
Article number	201944
Notes	A standard spool may include sections which have been tied together. Other lengths available on request.

Characteristics

Medium wall
Stabilized against UV rays
Halogen-free
Tracking resistance
Non-corrosive
Resistant to bacteria and fungi
Free of lead and cadmium
Silicone free

Applications

Allows for clearance reduction between busbars in medium voltage substations up to 36 kV

Technical data

Article name	SRBB 50-18
Article number	201944
Test standards	IEC 60684-2
Materials	Cross-linked polyolefin
Selection Note	Spools
Recommended application range busbar round: Diameter min	18 mm
Recommended application range busbar round: Diameter max	35 mm
Recommended application range busbar rectangular: Width B	31 mm
Recommended application range busbar rectangular: Height H	60 mm
Length L	30 m
Colours	red brown
Inner diameter before shrinking (mm)	50 mm
Inner diameter after shrinking (mm)	18 mm
Recovered wall thickness	2.7 mm
Hardness	39 Shore D
Hardness (associated standard)	DIN 53505
Elongation at break	500 %
Elongation at break (associated standard)	IEC 60684-2
Tensile strength at break	16 MPa
Tensile strength at break (associated standard)	IEC 60684-2
Longitudinal shrinkage	+/- 10 %
Longitudinal shrinkage (associated standard)	IEC 60684-2
Shrink ratio	3 : 1
Shrink ratio (associated standard)	IEC 60684-2
Eccentricity expanded	50 %
Eccentricity recovered	85 %
Eccentricity (associated standard)	IEC 60684-2
Shrink temperature	> 125 °C
Burning behaviour	not self-extinguishing
Burning behaviour (associated standard)	IEC 60684-2
Flexibility at low temperatures	-40 °C
Flexibility at low temperatures (associated standard)	IEC 60684-2
Operation temperature min.	-40 °C
Operation temperature max.	100 °C
Operation temperature (associated standard)	IEC 60684-3-283
Specific volume resistivity	10 ¹² Ω cm
Specific volume resistivity (associated standard)	IEC 60684-2
Dielectric strength	20 kV/mm
Dielectric strength (associated standard)	IEC 60684-2
Corrosion	none
Corrosion (associated standard)	IEC 60684-2
Resistance to fungus and decay	Rate 1
Resistance to fungus and decay (associated standard)	IEC 60684-2

Logistics data

Article name	SRBB 50-18
Article number	201944
Delivery scope	Medium wall heat shrinkable tube, on spool or in lengths
Shelf life description	Unlimited shelf life
Country of origin	Germany
Customs tariff number	39173200
EAN/GTIN	4010311057224

Packaging data

Packaging type	Coil	Pal. OW
Content quantity	30	600
Unit of measure	Meter	Meter
Length (mm)	457	1200
Width (mm)	457	800
Height (mm)	147	1130
Net weight (kg)	6.33	126.6
Gross weight (kg)	6.348	144.8