

Heat shrinkable thick wall tube

halogen-free shrink ratio 3 : 1

The heat shrinkable tubes type SRAT are thick-walled, without thermoplastic adhesive with a shrinkage ratio of 3:1. Typical applications are as insulation tubes for conductors in cable terminations of 3.6 to 42 kVas well as suitable for corrosion protection.



Product description

Article name	SRAT 120-40
Article number	144943
Notes	A standard spool may include sections which have been tied together. Other lengths available on request.

Characteristics

Thick wall
Stabilized against UV rays
Halogen-free
Corrosion-resistant
Infusible
Highly resistant to electrical breakdown
Tracking resistance
High tensile strength
Free of lead and cadmium
Silicone free

Technical data

Article name	SRAT 120-40
Article number	144943
Test standards	IEC 60684-2
Materials	Cross-linked polyolefin
Selection Note	lengths
Length L	1 m
Colours	red brown
Inner diameter before shrinking (mm)	120 mm
Inner diameter after shrinking (mm)	40 mm
Recovered wall thickness	3.1 mm
Tracking resistance	Class 2A
Tracking resistance (associated standard)	IEC 60684-2
Resistance to fungus and decay: Elongation at break	350 %
Resistance to fungus and decay: Tensile strength at break	10 MPa
Weather resistance: Elongation at break	250 %
Weather resistance: Tensile strength at break	9 MPa
Weather resistance (associated standard)	IEC 60684-2
Hardness	44 Shore D
Hardness (associated standard)	DIN 53505
Elongation at break	350 %
Elongation at break (associated standard)	IEC 60684-2
Tensile strength at break	12 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	60 %
Eccentricity recovered	85 %
Eccentricity (associated standard)	IEC 60684-2
Shrinkage temperature	> 125 °C
Flame propagation	Burning time < 1 s
Flame propagation (associated standard)	IEC 60684-2
Flexibility at low temperatures	-40 °C
Flexibility at low temperatures (associated standard)	IEC 60684-2
Thermal ageing (168 h at 150 °C): Elongation at break	300 %
Thermal ageing (168 h bei 150 °C): Tensile strength at break	11 MPa
Thermal ageing (168 h bei 150 °C) (associated standard)	IEC 60684-2
Operation temperature min	-40 °C
Operation temperature max	100 °C
Operation temperature (associated standard)	IEC 60684-2
Dielectric strength	20 kV/mm
Dielectric strength (associated standard)	IEC 60684-2
Resistance to fungus and decay (associated standard)	IEC 60684-2

Logistics data

Article name	SRAT 120-40
Article number	144943
Delivery scope	Thick wall heat shrinkable tube in lengths
Shelf life description	Unlimited shelf life
Country of origin	Germany
Customs tariff number	39173200
EAN/GTIN	4010311028293

Packaging data

Alternative unit of measure	Bag1	Bag	Pal. OW
Base quantity	1	5	70
Base unit of measure	Piece	Piece	Piece
Length (mm)	1000	1010	1200
Width (mm)	145	400	800
Height (mm)	65	580	1200
Net weight (kg)	0.64	3.2	44.8
Gross weight (kg)	0.64	3.205	63