Technical-Data-Sheet

SR3, SRH3

Heat shrinkable thick wall tube

halogen-free shrink ratio 3 : 1 with or without adhesive



Product description

Article name	SRH3 45-12
Material number	127510
Characteristics	Thick wall
	Inscribable
	Resistant to chemical agents
	Stabilized against UV rays
	Free from paint-wetting inhibiting substances
	Non-corrosive
	Infusible
	Halogen-free
	Superior electrical properties
	High tensile strength
	Resistant to cold flow (thermally stable)
Applications	Insulating
	Protection against moisture and pressure
	Suitable for heat shrinkable joints and terminations
Family notes	Other lengths available on request.

Technical data

Test standards	IEC 60684-2
Materials	Cross-linked polyolefin
	Free of lead and cadmium
Selection Note	with adhesive
Length L	1 m
Colours	black
Inner diameter before shrinking (mm)	45 mm
Inner diameter after shrinking (mm)	12 mm
Recovered wall thickness	4.3 mm
Hardness	55 Shore D
Hardness(a ssociated standard)	DIN 53505
Elongation at break	350 %
Elongation at break (associated standard)	IEC 60684-2
Tensile strength at break	13 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
Operating temperature range min	-40 °C
Operating temperature range max	120 °C
Operating temperature range (associated standard)	IEC 60684-2
Shrinkage 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
Thermal ageing (168 h at 150 °C): Elongation at break	250 %
Thermal ageing (168 h bei 150 °C): Tensile strength at break	12 MPa
Thermal ageing (168 h bei 150 °C) (associated standard)	IEC 60684-2
Specific volume resistivity	10^{14} Ω cm
Specific volume resistivity (associated standard)	IEC 60684-2
Dielectric strength	25 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

Delivery scope	Thick wall heat shrinkable tube in lengths
Shelf life description	Unlimited shelf life
Country of origin	Germany
Customs tariff number	39173900

EAN-UPC	4010311009667			
Base quantity	1	1	10	10
Base unit of measure	Piece	Piece	Piece	Piece
Alternate quantity	1	1	1	1
Alternative unit of measure	Piece	Bag1	Bag	Pack
Lenght	1000	1000	1300	1300
Width	62	62	450	450
Height	40	40	350	350
Dimension unit	Millimetres	Millimetres	Millimetres	Millimetres
Volume	2.48	2.48	204.75	204.75
Volume unit	Cubic decimetres	Cubic decimetres	Cubic decimetres	Cubic decimetres
Gross weight	0.253	0.253	2.535	2.535
Net weight	0.253	0.253	2.53	2.53
Weight unit	Kilogram	Kilogram	Kilogram	Kilogram