

Heat shrinkable thick wall tube

shrink ratio 3 : 1 with adhesive

The heat shrinkable tubes type SRFH3 are thick-walled, with thermoplastic adhesive with a shrinkage ratio of 3:1. Typical applications are the protection of cables against moisture and pressure for cables as well as suitable for heat shrinkable joints and terminations.



Product description

Article name	SRFH3 55-18
Article number	144545
Notes	Other lengths available on request.

Characteristics
Thick wall
Inscribable
Resistant to chemical agents
Stabilized against UV rays
Free from paint-wetting inhibiting substances
Non-corrosive
Infusible
Superior electrical properties
High tensile strength
Resistant to cold flow (thermally stable)
Self-extinguishing

Applications
Insulating
Protection against moisture and pressure
Suitable for heat shrinkable joints and terminations

Technical data

Article name	SRFH3 55-18
Article number	144545
Test standards	IEC 60684-2
Materials	Cross-linked polyolefin
	Free of lead and cadmium
Selection Note	lengths
Length L	1 m
Colours	black
Inner diameter before shrinking (mm)	55 mm
Inner diameter after shrinking (mm)	18 mm
Recovered wall thickness	3.8 mm
Hardness	51 Shore D
Hardness(associated 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	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

Article name	SRFH3 55-18
Article number	144545
Delivery scope	Thick wall heat shrinkable tube in lengths
Shelf life description	Unlimited shelf life
Country of origin	Germany
Customs tariff number	39173900
EAN/GTIN	4010311010021

Packaging data

Alternative unit of measure	Bag1	Bag
Base quantity	1	10
Base unit of measure	Piece	Piece
Length (mm)	1006	1300
Width (mm)	90	550
Height (mm)	37	350
Net weight (kg)	0.272	2.72
Gross weight (kg)	0.272	2.725