

## Heat shrinkable thick wall tube

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

The heat shrinkable tubes type SR3/SRH3 are thick-walled, without/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	SRH3 48-12
Article number	443980
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
Halogen-free
Superior electrical properties
High tensile strength
Resistant to cold flow (thermally stable)

Applications
Insulating
Moisture and pressure protection
Suitable for heat shrinkable joints and terminations

## Technical data

Article name	SRH3 48-12
Article number	443980
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)	48 mm
Inner diameter after shrinking (mm)	12 mm
Recovered wall thickness	4.5 mm
Hardness	55 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
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
Thermal ageing (168 h at 150 °C): Elongation at break	250 %
Thermal ageing (168 h at 150 °C): Tensile strength at break	12 MPa
Thermal ageing (168 h at 150 °C) (associated standard)	IEC 60684-2
Operation temperature min.	-40 °C
Operation temperature max.	120 °C
Operation temperature (associated standard)	IEC 60684-2
Specific volume resistivity	10 <sup>14</sup> 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	SRH3 48-12
Article number	443980
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	4010311197586

## Packaging data

Packaging type	Bag	Pal. OW
Content quantity	10	350
Unit of measure	Piece	Piece
Length (mm)	1300	1200
Width (mm)	450	800
Height (mm)	350	1200
Net weight (kg)	2.64	92.4
Gross weight (kg)	2.645	110.6