

Heat shrinkable medium wall tube

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

The heat shrinkable tubes type SR2/SRH2 are medium-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	SR2 12-3
Article number	143759
Notes	A standard spool may include sections which have been tied together. Other lengths available on request.

Characteristics
Medium 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

## Technical data

Article name	SR2 12-3
Article number	143759
Test standards	IEC 60684-2
Materials	Cross-linked polyolefin
	Free of lead and cadmium
Selection Note	without adhesive
Length L	30 m
Colours	black
Inner diameter before shrinking (mm)	12 mm
Inner diameter after shrinking (mm)	3 mm
Recovered wall thickness	2.2 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
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 <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	SR2 12-3
Article number	143759
Delivery scope	Medium wall heat shrinkable tube on spool
Shelf life description	Unlimited shelf life
Country of origin	Germany
Customs tariff number	39173200
EAN/GTIN	4010311009162

## Packaging data

Alternative unit of measure	Coil
Base quantity	30
Base unit of measure	Meter
Length (mm)	469
Width (mm)	469
Height (mm)	85
Net weight (kg)	1.53
Gross weight (kg)	1.556