

Heat shrinkable thin wall tube

shrink ratio 3 : 1 without adhesive

The heat shrinkable tubes type SR1F3 are thin-walled, without adhesive with a shrinkage ratio of 3:1. Typical applications are the protection of cables against chemical influences as well as good mechanical protection.



Product description

Article name	SR1F3 18-6
Article number	144216
Notes	A standard spool may include sections which have been tied together. Other lengths available on request.

Characteristics

Thin wall
Without adhesive
Inscribable
Resistant to chemical agents
Stabilized against UV rays
Non-corrosive
Free from paint-wetting inhibiting substances
Infusible
High tensile strength
Superior electrical properties
High tensile strength
Resistant to cold flow (thermally stable)
High flexibility
Self-extinguishing (except transparent)

Applications

Insulating
Bundling
Marking
Corrosion protection
Mechanical protection

Technical data

Article name	SR1F3 18-6
Article number	144216
Test standards	UL E172094
	MIL-I-23053/5 Class 1
Materials	Cross-linked polyolefin
	Free of lead and cadmium
Selection Note	spools
Length L	50 m
Colours	green-yellow
Inner diameter before shrinking (mm)	18 mm
Inner diameter after shrinking (mm)	6 mm
Recovered wall thickness	0.75 mm
Elongation at break	300 %
Elongation at break (associated standard)	ASTM D 638
Tensile strength at break	13 MPa
Tensile strength at break (associated standard)	ASTM D 638
Longitudinal shrinkage	+/- 10 %
Longitudinal shrinkage (associated standard)	ASTM D 2671
Shrink ratio	3 : 1
Shrink ratio (associated standard)	IEC 811-1-1
Operating temperature range min	-55 °C
Operating temperature range max	135 °C
Operating temperature range (associated standard)	IEC 216
Shrinkage temperature	> 90 °C
Burning behaviour	self-extinguishing
Burning behaviour (associated standard)	UL 224
Flexibility at low temperatures	-55 °C
Flexibility at low temperatures (associated standard)	ASTM D 2671
Specific volume resistivity	10 ¹⁴ Ω cm
Specific volume resistivity (associated standard)	ASTM D 257
Dielectric strength	20 kV/mm
Dielectric strength (associated standard)	ASTM D 2671
Corrosion	none
Corrosion (associated standard)	ASTM D 2671
Resistance to fungus and decay	No growth
Resistance to fungus and decay (associated standard)	AMS-DTL-7444

Logistics data

Article name	SR1F3 18-6
Article number	144216
Delivery scope	Thin wall heat shrinkable tube on spool
Shelf life description	Unlimited shelf life
Country of origin	Poland
Customs tariff number	39173200
EAN/GTIN	4010311071794

Packaging data

Alternative unit of measure	Coil	Carton
Base quantity	50	350
Base unit of measure	Meter	Meter
Length (mm)	387	395
Width (mm)	387	395
Height (mm)	42	395
Net weight (kg)	1.4	9.8
Gross weight (kg)	1.435	10.1