Heat shrinkable thin wall tube

shrink ratio 2 : 1 without adhesive

The heat shrinkable tubes type SR1F are thin-walled, without adhesive with a shrinkage ratio of 2:1. Typical applications are the protection of cables against chemical influences as well as good mechanical protection.

Product description

Article name	SR1F 51-25.4
Article number	457342
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	SR1F 51-25.4
Article number	457342
Test standards	UL E172094
	MIL-I-23053/5 Class 1
Materials	Cross-linked polyolefin
	Free of lead and cadmium
Selection Note	Lengths
Length L	1 m
Colours	white
Inner diameter before shrinking (inch)	2"
Inner diameter before shrinking (mm)	51 mm
Inner diameter after shrinking (mm)	25.4 mm
Recovered wall thickness	1.14 mm
Elongation at break	350 %
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	2 : 1
Shrink ratio (associated standard)	IEC 811-1-1
Shrink 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
Operation temperature min.	-55 °C
Operation temperature max.	135 °C
Operation temperature (associated standard)	IEC 216
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

Commercial Data

Article name	SR1F 51-25.4
Article number	457342
Delivery scope	Thin wall heat shrinkable tube, on spool or in lengths
Shelf life description	Unlimited shelf life
Country of origin	Poland
Customs tariff number	39173200
EAN/GTIN	4010311201023

Packaging data

Packaging type	Bag1	Bag	Carton	Pal. OW
Content quantity	1	10	100	1600
Unit of measure	Piece	Piece	Piece	Piece
Lenght (mm)	1000	1020	1100	1200
Width (mm)	80	200	400	800
Height (mm)	4	60	150	188
Net weight (kg)	0.114	1.14	11.4	182.4
Gross weight (kg)	0.114	1.14	12.145	212.52