Technical-Data-Sheet

SR1F

Heat shrinkable thin wall tube

shrink ratio 2 : 1 without adhesive

Heat shrinkable thin wall tube. Application: Insulating, bundling, marking, corrosion protection, mechanical protection. Characteristics: Thin wall, without thermoplastic adhesive, inscribable, resistant to chemical agents, stabilized against UV rays, free from paint-wetting inhibiting substances, non-corrosive, infusible, high flexibility, superior electrical properties, high tensile strength, resistant to cold flow (thermally stable), self-extinguishing (except transparent).



Product description

Article name	SR1F 51-25.4
Material number	461357
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
Family notes	A standard spool may include sections which have been tied together.
	Other lengths available on request.

Technical data

Test standards	UL E172094
	MIL-I-23053/5 Class 1
Materials	Cross-linked polyolefin
	Free of lead and cadmium
Selection Note	spools
Length L	25 m
Colours	green-yellow
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
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

Delivery scope	Thin wall heat shrinkable tube on spool
Shelf life description	Unlimited shelf life
Country of origin	Poland
Customs tariff number	39173200

EAN-UPC		4010311202297		
Base quantity	1	1	25	100
Base unit of measure	Meter	Meter	Meter	Meter
Alternate quantity	1	1	1	1
Alternative unit of measure	Piece	Meter	Coil	Carton
Lenght	1000	1000	390	400
Width	0	0	390	400
Height	0	0	89	400
Dimension unit	Millimetres	Millimetres	Millimetres	Millimetres
Volume	0	0	13.537	64
Volume unit	Cubic decimetres	Cubic decimetres	Cubic decimetres	Cubic decimetres
Gross weight	0.111	0.111	2.788	11.468
Net weight	0.111	0.111	2.775	11.1
Weight unit	Kilogram	Kilogram	Kilogram	Kilogram