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 102-51
Material number	457311
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	lengths
Length L	1 m
Colours	transparent color
Inner diameter before shrinking (inch)	4"
Inner diameter before shrinking (mm)	102 mm
Inner diameter after shrinking (mm)	51 mm
Recovered wall thickness	1.4 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 in lengths
Shelf life description	Unlimited shelf life
Country of origin	China
Customs tariff number	39173200

EAN-UPC	4010311200958			
Base quantity	1	1	10	10
Base unit of measure	Piece	Piece	Piece	Piece
Alternate quantity	1	1	1	1
Alternative unit of measure	Piece	Bag1	Bag	Pack
Lenght	1000	1000	1020	1020
Width	160	160	200	200
Height	4	4	50	50
Dimension unit	Millimetres	Millimetres	Millimetres	Millimetres
Volume	0.64	0.64	10.2	10.2
Volume unit	Cubic decimetres	Cubic decimetres	Cubic decimetres	Cubic decimetres
Gross weight	0.205	0.205	2.05	2.05
Net weight	0.205	0.205	2.05	2.05
Weight unit	Kilogram	Kilogram	Kilogram	Kilogram