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 19.1-9.5
Material number	144134
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	50 m
Colours	brown
Inner diameter before shrinking (inch)	3/4"
Inner diameter before shrinking (mm)	19.1 mm
Inner diameter after shrinking (mm)	9.5 mm
Recovered wall thickness	0.76 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	4010311031279			
Base quantity	1	50	350	
Base unit of measure	Meter	Meter	Meter	
Alternate quantity	1	1	1	
Alternative unit of measure	Meter	Coil	Carton	
Lenght	0	390	395	
Width	0	390	395	
Height	0	55	395	
Dimension unit		Millimetres	Millimetres	
Volume	0	8.365	61.6	
Volume unit		Cubic decimetres	Cubic decimetres	
Gross weight	0.038	1.92	13.6	
Net weight	0.038	1.9	13.3	
Weight unit	Kilogram	Kilogram	Kilogram	