








Basic Properties

- Material : Irradiated cross-linked semi-rigid flame-retarded polyolefin
- Shrink temperature : min. 130°C
- Shrink ratio : Radial change: min. 50%
: Longitudinal change: 0 ±5%
- Continuous operating temperature : -55 to 135°C

Features

- Semi-rigid
- Abrasion resistant

Specifications/Approvals

SFP standard (RE4-H319)

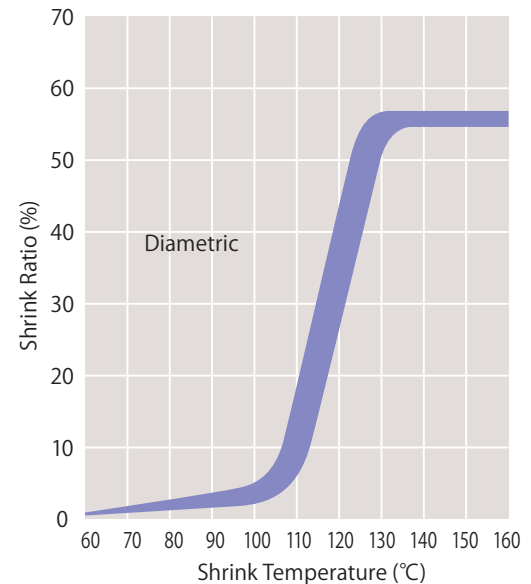
Applications

- Mechanical and chemical protection of wire harnesses used in aerospace equipment
- Holding lengths of sensor wires straight, as well as providing insulation and mechanical protection

Colors

- Black

Shrink Properties



Properties

Properties	Items	Requirements	Typical values*1
Mechanical	Tensile strength (before aging)	min. 13.8MPa	17.0MPa
	Elongation (before aging)	min. 200%	450%
	Elongation (after aging)	175°C x 7 days, min. 150%	425%
	Secant modulus	min. 172MPa	250MPa
	Low temperature flexibility	-55°C x 4 hours, no crack	Pass
Electrical	Dielectric strength	min. 19.7kV/mm	32.2kV/mm
	Volume resistivity	min. 1.0 x 10 ¹⁴ Ω·cm	1.4 x 10 ¹⁵ Ω·cm
Chemical	Water absorption	23°C x 24 hours, max. 0.50%	0.10%
	Specific gravity	max. 1.35	1.25
	Corrosion against bare copper	150°C x 16 hours, no corrosion	Pass
	Fluid resistance	After immersion in the fluids specified in SAE-AS23053 at 23°C for 24 hours,	
	Tensile strength	min. 11.0MPa	16.7MPa
Dielectric strength	min. 15.8kV/mm	40.1kV/mm	
Flammability	Self-extinguish within 60 sec.	Pass	

*1: For reference use only. The test methods is based on SAE-AS23053.

Sizes

Trade size (inch)	As supplied (mm)		After recovered (mm)	
	Inside diameter (min.)	Wall thickness (nom.)	Inside diameter (max.)	Wall thickness
1/8	3.20	0.35	1.60	0.51 ± 0.07
3/16	4.80	0.35	2.36	0.64 ± 0.07
1/4	6.4	0.35	3.20	0.64 ± 0.07
3/8	9.5	0.35	4.80	0.76 ± 0.07
1/2	12.7	0.35	6.4	0.76 ± 0.07

IRRAX™TUBE IRRAX™TAPE

A
B
F2
F2 (UL)
V2
RP3
B8
ER2
NHR
FE2
VZL

IRRAX™SLEEVE

SCM2
SBI
300/350
SNHM

Composite articles

SUMISEAL
SUMITUBE SA3 CAP

Processing equipment

SUMISHRINKER / HEATING GUN