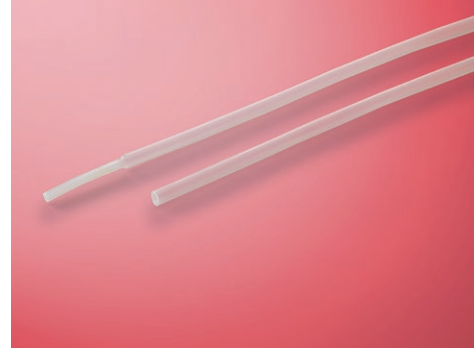


SUMITUBE™ C (UL)

[105°C rating, heat-shrinkable tubing
(shrinks at low temperature)]
UL recognized

Catalog No. 871 ✓ RoHS directive 10 substances

Waterproofing Flame-retarded UL recognized CSA recognized



SUMITUBE™

SUMITUBE	A
	C
	A4
	LA
	C (UL)
D	
A2	

Basic Properties

- Material : Irradiated cross-linked flexible polyolefin
- Shrink temperature : min. 90°C
- Shrink ratio : Radial change: approx. 40%
: Longitudinal change: min. -15%
- Continuous operating temperature : -55 to 105°C

Features

- Shrinkage at low temperature (90°C)
- Thick wall for protecting terminals

Specifications/Approvals

UL224

File No. E75077
Catalog No. 871
Rating temperature: 105°C Rating voltage: 600V

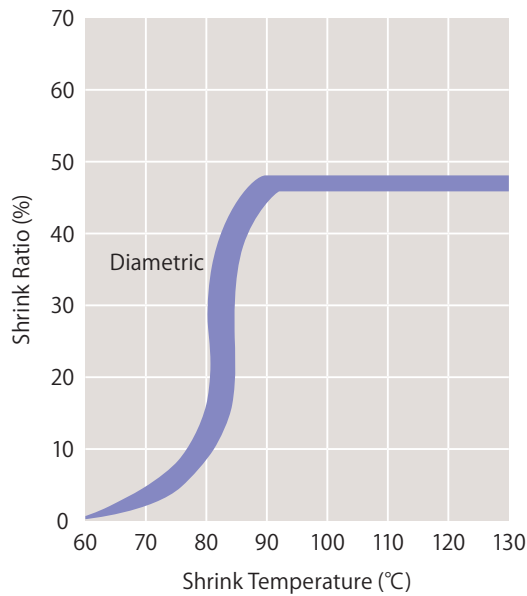
Applications

- Insulation, protection and reinforcement for termination and joints of electric wire (especially for protecting faston terminals)

Colors

- Clear

Shrink Properties



Properties [UL224]

Properties	Items	Requirements	Typical values*1
Mechanical	Tensile strength (before aging)	min. 10.4MPa	21.0MPa
	Tensile strength (after aging)	136°C x 7 days, min. 7.3MPa	22.0MPa
	Elongation (before aging)	min. 200%	558%
	Elongation (after aging)	136°C x 7 days, min. 100%	667%
	Heat shock	250°C x 4 hours, no crack	Pass
Electrical	Cold bend	-30°C x 1 hour, no crack	Pass
	Dielectric withstand (before aging)	AC2.5kV x 60 sec., no breakdown	Pass
	Dielectric withstand (after aging)	136°C x 7 days, AC2.5kV x 60 sec., no breakdown	Pass
	Dielectric breakdown (before aging)	min. AC2.5kV	25.0kV
	Dielectric breakdown (after aging)	136°C x 7 days, min. 50% of original and min. AC2.5kV	Pass
Chemical	Volume resistivity	min. 1.0 x 10 ¹⁴ Ω·cm	2.2 x 10 ¹⁶ Ω·cm
	Corrosion against bare copper	136°C x 7 days, no corrosion after leaving under 95% humidity, 23°C x 24 hours	Pass
	Stability against copper	136°C x 7 days, elongation min. 100% after leaving under 95% humidity, 23°C x 24 hours	475%
	Flammability	Flammable	—

*1: For reference use only

Sizes

Trade size (mm)	As supplied (mm)		After recovered (mm)		Unit length (min.) (m)
	Inside diameter (min.)	Wall thickness (nom.)	Inside diameter (max.)	Wall thickness (min.)	
3.2 × 0.7	3.20	0.70	1.90	0.95	1
4.8 × 0.7	4.80	0.70	2.70	0.95	1
6 × 0.7	6.4	0.70	3.50	0.95	1
7 × 0.7	7.0	0.70	4.50	1.20	1

SUMITUBE

SUMITUBE	F (Z)
	F3 (Z)
	NHR2
	NHR4
	V (300V)
V (600V)	

SUMITUBE	F2 (Z)
	F4 (Z)
	B2
	B2 (3X)
B8	

SUMITUBE	K
	K2

SUMITUBE	KH200 (TW)
----------	------------

SUMITUBE	KH230 (TW)
----------	------------

SUMITUBE	B6
	R
	AN25

SUMITUBE	W
----------	---

SUMITUBE	O2C
	W3C

SUMITUBE	O2B2
	W3F2
	W3B2
	W3B2 (4X)
	SA2
	SA3

IRRAX™TUBE IRRAX™TAPE

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

IRRAX™SLEEVE

IRRAXSLEEVE	SCM2
	SBI
	300/350
	SNHM

Composite articles

SUMISEAL
SUMITUBE SA3 CAP

Processing equipment

SUMISHRINKER / HEATING GUN