

SUMITUBE™ C

[General purpose heat-shrinkable tubing
(shrinks at low temperature)]

Catalog No. 812  RoHS directive 10 substances

 Waterproofing  Flame-retarded  UL recognized  CSA recognized



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)
- Flexible ■ Transparent colors

Specifications/Approvals

SFP standard (RE4-0580)

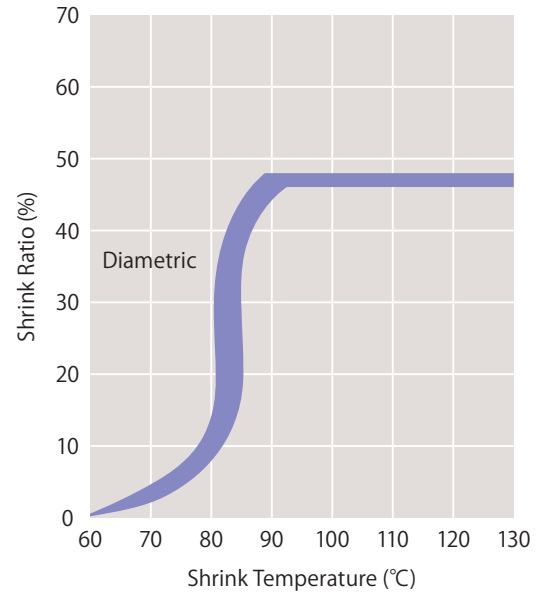
Applications

- Insulation, protection and reinforcement for termination and joints of electric wire
- Color identification and bundling for electric wires
- Fixing and protection of cable markers
- Insulation and protection of resistors and capacitors

Colors

- Black, Brown, Red, Orange, Yellow, Green, Blue, Purple, Gray, White, Clear

Shrink Properties



Properties

Properties	Items	Requirements	Typical values*1
Mechanical	Tensile strength	min. 10.4MPa	20.9MPa
	Elongation	min. 200%	522%
	Specific gravity	—	0.94
	Hardness (Shore D)	—	41
Electrical	Dielectric withstand	AC2.5kV x 60 sec., no breakdown	Pass
	Volume resistivity	min. $1.0 \times 10^{16} \Omega \cdot \text{cm}$	$1.2 \times 10^{16} \Omega \cdot \text{cm}$
Chemical	Water absorption	23°C x 24 hours, max. 0.30%	0.08%
	Flammability	Flammable	—

*1: For reference use only

Sizes

Trade size (mm)	As supplied (mm)		After recovered (mm)		Unit length (min.) (m)	
	Inside diameter	Wall thickness (nom.)	Inside diameter (max.)	Wall thickness	Cut	Spool
1 × 0.2	1.60 ± 0.30	0.20	0.60	0.40 ± 0.10	1	100
1.5 × 0.2	2.10 ± 0.30	0.20	0.80	0.40 ± 0.10	1	200
2 × 0.2	2.60 ± 0.30	0.20	1.30	0.40 ± 0.10	1	200
2.5 × 0.2	3.10 ± 0.30	0.20	1.50	0.40 ± 0.10	1	200
3 × 0.2	3.60 ± 0.30	0.20	1.80	0.40 ± 0.10	1	200
3.5 × 0.2	4.10 ± 0.30	0.20	2.00	0.40 ± 0.10	1	100
4 × 0.2	4.60 ± 0.30	0.20	2.30	0.40 ± 0.10	1	100
5 × 0.2	5.60 ± 0.30	0.20	2.90	0.40 ± 0.10	1	100
6 × 0.25	6.5 ± 0.3	0.25	3.50	0.50 ± 0.10	1	100
7 × 0.25	7.5 ± 0.3	0.25	4.20	0.50 ± 0.10	1	50
8 × 0.25	8.5 ± 0.3	0.25	4.70	0.50 ± 0.10	1	50
9 × 0.25	9.5 ± 0.3	0.25	5.40	0.50 ± 0.10	1	50
10 × 0.25	10.5 ± 0.4	0.25	6.0	0.50 ± 0.10	1	50
11 × 0.25	11.5 ± 0.4	0.25	7.0	0.50 ± 0.10	1	50
12 × 0.3	12.4 ± 0.4	0.30	7.6	0.60 ± 0.10	1	50
13 × 0.3	13.4 ± 0.4	0.30	8.0	0.60 ± 0.10	1	50
14 × 0.3	14.4 ± 0.4	0.30	9.0	0.60 ± 0.10	1	50
15 × 0.3	15.4 ± 0.4	0.30	10.0	0.60 ± 0.10	1	50
16 × 0.3	16.4 ± 0.4	0.30	10.5	0.60 ± 0.10	1	50
18 × 0.3	18.4 ± 0.4	0.30	11.5	0.60 ± 0.10	1	50
20 × 0.3	20.4 ± 0.4	0.30	13.0	0.60 ± 0.10	1	50
22 × 0.3	22.4 ± 0.4	0.30	14.0	0.60 ± 0.10	1	50
25 × 0.3	25.5 ± 0.5	0.30	15.0	0.60 ± 0.10	1	50

SUMITUBE	B
SUMITUBE	LB
	F (Z)
	F3 (Z)
SUMITUBE	NHR2
SUMITUBE	NHR4
	V (300V)
	V (600V)
	F2 (Z)
	F4 (Z)
SUMITUBE	B2
	B2 (3X)
	B8
SUMITUBE	K
	K2
SUMITUBE	KH200 (TW)
SUMITUBE	KH230 (TW)
	B6
SUMITUBE	R
	AN25
SUMITUBE	W
	O2C
SUMITUBE	W3C
	O2B2
	W3F2
SUMITUBE	W3B2
	W3B2 (4X)
	SA2
	SA3
IRRX™TUBE	A
IRRX™TAPE	B
	F2
	F2 (UL)
IRRX™TUBE	V2
	RP3
	B8
	ER2
	NHR
	FE2
IRRX™TAPE	VZL
IRRX™SLEEVE	SCM2
IRRX™SLEEVE	SBI 300/350
	SNHM
Composite articles	
SUMISEAL	
SUMITUBE SA3 CAP	
Processing equipment	
SUMISHRINKER / HEATING GUN	