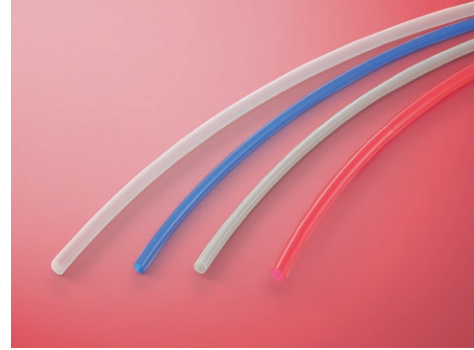


# SUMITUBE™ A

[General purpose heat-shrinkable tubing]

Catalog No. 802 ✓ RoHS directive 10 substances

Waterproofing Flame-retarded UL recognized CSA recognized



SUMITUBE™

A
C
A4
LA
C (UL)
D
A2

## Basic Properties

- Material : Irradiated cross-linked flexible polyolefin
- Shrink temperature : min. 115°C
- Shrink ratio : Radial change: approx. 40%  
Longitudinal change: min. -15%
- Continuous operating temperature : -55 to 105°C

## Features

- Highly resistant against oil and chemicals
- Transparent colors

## Specifications/Approvals

SFP standard (RE4-0180)

## Applications

- Insulation, protection and reinforcement for termination and joints of electric wire
- Color identification and bundling for electric wires
- Insulation and protection of resistors and capacitors
- Corrosion protection for pipes

## Colors

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

## Properties

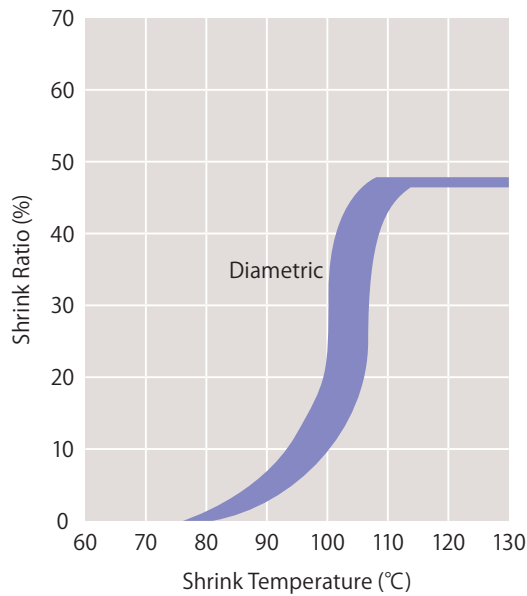
Properties	Items	Requirements	Typical values*1
Mechanical	Tensile strength	min. 10.4MPa	19.2MPa
	Elongation	min. 200%	440%
	Specific gravity	—	0.92
	Hardness (Shore D)	—	42
Electrical	Dielectric withstand	AC2.5kV x 60 sec., no breakdown	Pass
	Volume resistivity	min. $1.0 \times 10^{14} \Omega \cdot \text{cm}$	$1.6 \times 10^{16} \Omega \cdot \text{cm}$
Chemical	Water absorption	23°C x 24 hours, max. 0.10%	0.09%
	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
1.5 × 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

## Shrink Properties



SUMITUBE B

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

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

SUMITUBE K

K2
KH200 (TW)
KH230 (TW)

B6
R
AN25

SUMITUBE W

O2C
W3C

O2B2
W3F2
W3B2
W3B2 (4X)
SA2
SA3

IRRAX™TUBE  
IRRAX™TAPE

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

IRRAX™SLEEVE

SCM2
IRRAXSLEEVE SBI 300/350
SNHM

Composite articles

SUMISEAL
SUMITUBE SA3 CAP

Processing equipment

SUMISHRINKER / HEATING GUN