

SUMITUBE™ A

[General purpose heat-shrinkable tubing]

Catalog No. 802 ✓ RoHS directive 10 substances

Waterproofing Flame-retarded UL recognized CSA recognized

kacab
www.kacab.se



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

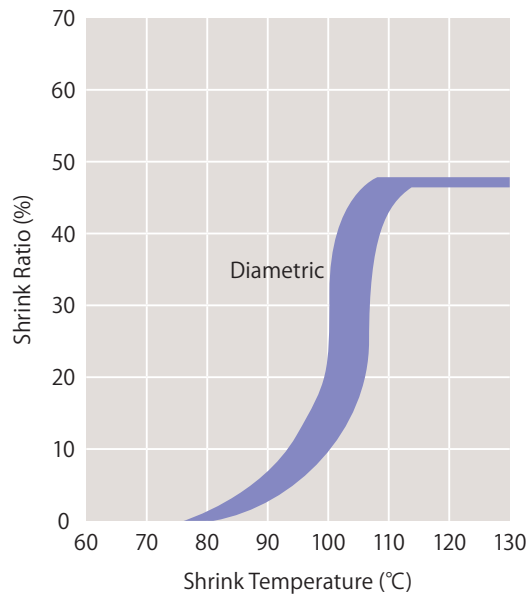
Properties	Items	Requirements	Typical values*1
Mechanical	Tensile strength	min. 10.4MPa	19.2MPa
	Elongation	min. 200%	440%
	Specific gravity	—	0.92
	Hardness (Shore D)	—	42
Electrical	Dielectric withstand	AC2.5kV x 60 sec., no breakdown	Pass
	Volume resistivity	min. $1.0 \times 10^{14} \Omega \cdot \text{cm}$	$1.6 \times 10^{16} \Omega \cdot \text{cm}$
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)
SUMITUBE NHR2
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

SUMITUBE O2C
W3C

O2B2
W3F2
SUMITUBE W3B2
W3B2 (4X)
SA2
SA3

IRRAX™TUBE
IRRAX™TAPE

A
B
F2
F2 (UL)

IRRAXTUBE V2
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