

# SUMITUBE™ A4

[Weather resistant heat-shrinkable tubing]

Catalog No. 858 ✓ 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. 110°C
- Shrink ratio : Radial change: min. 50%  
Longitudinal change: min. -15%
- Continuous operating temperature : -55 to 105°C

## Features

- Highly weather resistant
- Opaque and bright colors

## Specifications/Approvals

SFP standard (RE4-3684)

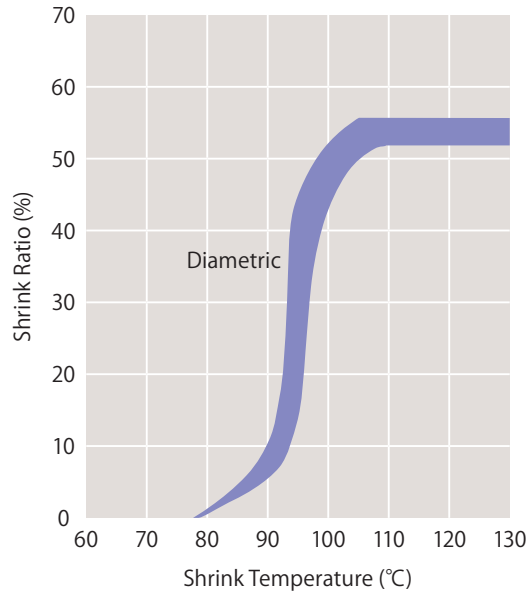
## Applications

- Insulation and protection for outdoor applications
- Insulation and protection for antennas
- Insulation and reinforcement for cable terminals
- Color identification and bundling for electric wires
- Corrosion protection for pipes

## 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%	455%
	Specific gravity	—	0.92
	Hardness (Shore D)	—	42
Electrical	Dielectric withstand	AC2.5kV x 60 sec., no breakdown	Pass
	Volume resistivity	min. $1.0 \times 10^{14} \Omega \cdot \text{cm}$	$1.6 \times 10^{17} \Omega \cdot \text{cm}$
Chemical	Water absorption	23°C x 24 hours, max. 0.20%	0.10%
	Flammability	Flammable	—
	Weather resistance	—	Colors can be identified for 2 years
	Outdoor exposure test*2 Weatherometer	—	Elongation 100% of original value after 1,000 hours Elongation 77% of original value after 2,000 hours

\*1: For reference use only \*2: Performance may vary depending on region or conditions

## Sizes

Trade size (inch)	As supplied (mm)		After recovered (mm)		Unit length (min.) (m)
	Inside diameter	Wall thickness (nom.)	Inside diameter (max.)	Wall thickness (min.)	
3/64	1.60 ± 0.30	0.20	0.60	0.33	305
1/16	2.00 ± 0.30	0.20	0.80	0.36	305
3/32	2.70 ± 0.30	0.25	1.20	0.44	152.5
1/8	3.50 ± 0.30	0.25	1.60	0.44	152.5
3/16	5.20 ± 0.40	0.25	2.40	0.44	61
1/4	6.8 ± 0.4	0.30	3.20	0.56	61
3/8	10.0 ± 0.4	0.30	4.80	0.56	61
1/2	13.2 ± 0.5	0.30	6.4	0.56	61
3/4	20.0 ± 0.6	0.35	9.5	0.69	61
1	26.6 ± 0.8	0.40	12.7	0.77	61
1-1/2	39.3 ± 1.0	0.45	19.1	0.87	61
2	52.7 ± 1.5	0.50	25.4	0.97	61

SUMITUBE B

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

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

SUMITUBE K
K2

SUMITUBE KH200 (TW)
SUMITUBE KH230 (TW)

B6
SUMITUBE R
AN25

SUMITUBE W

SUMITUBE O2C
W3C

O2B2
W3F2
W3B2
SUMITUBE 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