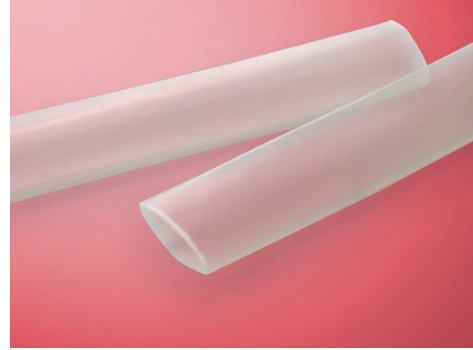


SUMITUBE™ A4

[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)

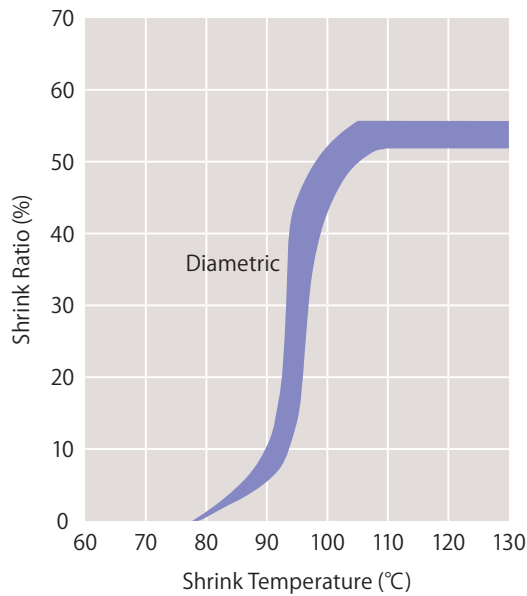
Applications

- 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	—	Elongation 100% of original value after 1,000 hours
	Weatherometer	—	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)

SUMITUBE NHR2

NHR4

V (300V)

V (600V)

SUMITUBE F2 (Z)

F4 (Z)

B2

B2 (3X)

B8

SUMITUBE K

K2

SUMITUBE KH200 (TW)

SUMITUBE KH230 (TW)

B6

SUMITUBE R

AN25

SUMITUBE W

O2C

W3C

O2B2

W3F2

SUMITUBE 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