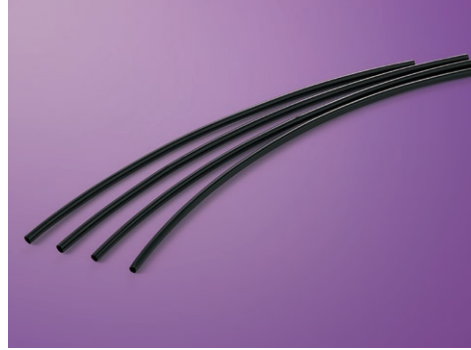


IRRAX™ TUBE A

[Heat-resistant tubing]

Catalog No. 801  RoHS directive 10 substances



Basic Properties

- Material: Cross-linked flexible polyolefin
- Continuous operating temperature: -55 to 105°C

Features

- Excellent oil and chemical resistance
- Transparent colors

Specifications/Approvals

SFP standard (RE1-0280)

Applications

- Insulation and protection of lead wires of resistors and capacitors
- Protection of lead wires and parts which are subject to high temperature
- Insulation of lead wires for wiring of AV, OA, telecommunication equipment, and measuring instruments

Colors

- Black, Brown, Red, Orange, Yellow, Green, Blue, Violet, 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 (before aging)	AC2.5kV x 60 sec., no breakdown	Pass
	Volume resistivity	min. $1.0 \times 10^{14} \Omega \cdot \text{cm}$	$1.6 \times 10^{14} \Omega \cdot \text{cm}$
Chemical	Water absorption	23°C x 24 hours, max. 0.10%	0.09%
	Flammability	Flammable	—

*1: For reference use only

Sizes

Trade size (mm)	Inside diameter (mm)	Wall thickness (mm)	Unit length (m)
0.4 × 0.25	0.40 ± 0.05	0.25 ± 0.05	1,000 min.
0.7 × 0.25	0.70 ± 0.10	0.25 ± 0.05	1,000 min.
1 × 0.3	1.00 ± 0.10	0.30 ± 0.05	500 min.
1.5 × 0.3	1.50 ± 0.10	0.30 ± 0.05	400 min.
2 × 0.3	2.00 ± 0.20	0.30 ± 0.05	300 min.
3 × 0.3	3.00 ± 0.20	0.30 ± 0.05	400 min.
4 × 0.3	4.00 ± 0.30	0.30 ± 0.05	400 min.
5 × 0.3	5.00 ± 0.30	0.30 ± 0.05	200 min.
6 × 0.3	6.0 ± 0.5	0.30 ± 0.05	200 min.
8 × 0.4	8.0 ± 0.5	0.40 ± 0.05	100 min.
10 × 0.4	10.0 ± 0.5	0.40 ± 0.05	100 min.

Longitudinal change: min. -20% (125°C x 1 minute)

SUMITUBE™

A
C
A4
LA
C (UL)
D
A2

B
LB

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

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

K
K2

KH200 (TW)

KH230 (TW)

B6
R
AN25

W

O2C
W3C

O2B2
W3F2
W3B2
W3B2 (4X)
SA2
SA3

IRRAX™ TUBE IRRAX™ TAPE

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

IRRAX™ SLEEVE

SCM2
SBI
300/350
SNHM

Composite articles

SUMISEAL
SUMITUBE SA3 CAP

Processing equipment

SUMISHRINKER / HEATING GUN