



## Basic Properties

- Material : Irradiated cross-linked flexible flame-retarded polyolefin
- Shrink temperature : min. 115°C
- Shrink ratio : Radial change: approx. 40%  
Longitudinal change: min. -15%
- Continuous operating temperature : -45 to 120°C

## Features

- Flame-retarded (PBDE/PBB-free)

## Specifications/Approvals

SFP standard (RE4-0380)

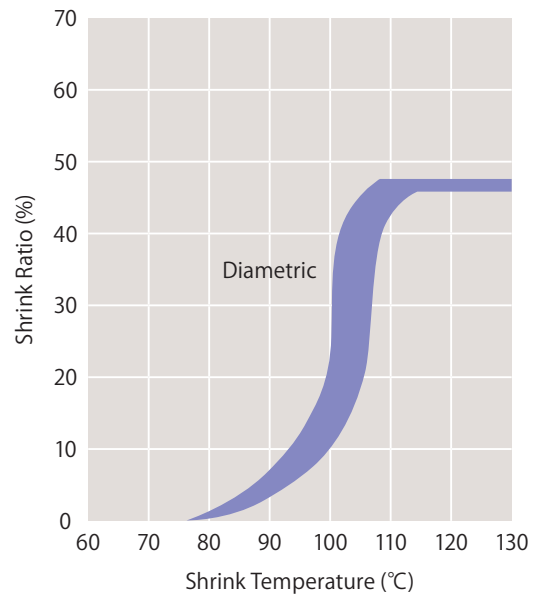
## Applications

- Insulation and protection for automobile parts and harnesses
- Insulation, protection and reinforcement for termination and joints of electric wire
- Corrosion protection for pipes

## Colors

- Black, Brown, Red, Orange, Yellow, Green, Blue, Purple, White (all colors are in pastel tone)

## Shrink Properties



## Properties

Properties	Items	Requirements	Typical values*1
Mechanical	Tensile strength	min. 10.4MPa	18.6MPa
	Elongation	min. 200%	454%
	Specific gravity	—	1.03
	Hardness (Shore D)	—	42
Electrical	Dielectric withstand	AC2.5kV x 60 sec., no breakdown	Pass
	Volume resistivity	min. $1.0 \times 10^{14} \Omega \cdot \text{cm}$	$1.1 \times 10^{17} \Omega \cdot \text{cm}$
Chemical	Water absorption	23°C x 24 hours, max. 0.30%	0.15%
	Flammability	Flame-retarded (by FMVSS method*2)	Pass

\*1: For reference use only \*2: FMVSS = Federal Motor Vehicle Safety Standard (regulation in the U.S.A)

## Sizes

Trade size (mm)	As supplied (mm)		After recovered (mm)		Unit length (min.) (m)	
	Inside diameter	Wall thickness (nom.)	Inside diameter (max.)	Wall thickness (min.)	Cut	Spool
2 × 0.3	2.40 ± 0.30	0.30	1.20	0.40	1	200
2.5 × 0.3	2.90 ± 0.30	0.30	1.50	0.50	1	200
3 × 0.3	3.40 ± 0.30	0.30	1.80	0.50	1	200
3.5 × 0.3	3.90 ± 0.30	0.30	2.00	0.50	1	100
4 × 0.3	4.40 ± 0.30	0.30	2.30	0.50	1	100
5 × 0.3	5.40 ± 0.30	0.30	2.90	0.50	1	100
6 × 0.3	6.4 ± 0.3	0.30	3.50	0.50	1	50
7 × 0.3	7.4 ± 0.3	0.30	4.20	0.50	1	50
8 × 0.3	8.4 ± 0.3	0.30	4.70	0.50	1	50
10 × 0.3	10.6 ± 0.4	0.30	6.0	0.50	1	50
11 × 0.4	11.6 ± 0.4	0.40	7.0	0.65	1	50
12 × 0.4	12.6 ± 0.4	0.40	8.0	0.65	1	50
13 × 0.4	13.6 ± 0.4	0.40	8.5	0.65	1	50
14 × 0.4	14.6 ± 0.5	0.40	9.0	0.65	1	50
15 × 0.4	15.6 ± 0.5	0.40	10.0	0.65	1	50
16 × 0.4	16.6 ± 0.5	0.40	11.0	0.65	1	50
18 × 0.4	18.6 ± 0.5	0.40	12.0	0.65	1	50
20 × 0.4	20.5 ± 0.5	0.40	13.0	0.70	1	50
22 × 0.4	22.5 ± 0.5	0.40	14.0	0.70	1	50
25 × 0.4	25.5 ± 0.5	0.40	15.0	0.70	1	50

IRRX™TUBE  
IRRX™TAPE

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

## IRRX™SLEEVE

SCM2  
SBI 300/350  
SNHM

## Composite articles

SUMISEAL  
SUMITUBE SA3 CAP

## Processing equipment

SUMISHRINKER / HEATING GUN