

## Basic Properties

- (1) Materials : Outer: Irradiated cross-linked flexible polyolefin  
Inner: Meltable adhesive
- (2) Shrink temperature : min. 115°C
- (3) Shrink Ratio : Radial change: min. 50%  
Longitudinal change: min. -15%
- (4) Continuous Operating Temperature : -55 to 155°C

## Features

- (1) Highly waterproofing with well adhesion for metals, polyolefin and PVC
- (2) Effective for fixing and waterproofing of pipe shape objects
- (3) Flexible
- (4) Thinner adhesive (than Sumitube™ W3C)

## Specification/Approvals

SFP standard (R4-8592)

## Application

- (1) Anticorrosion for pipes
- (2) Waterproof sealing for electronic devices
- (3) Insulation and protection for wire joints

## Colours

Black, Brown, Red, Orange, Yellow, Green, Blue, Purple, Grey, White, Clear

## Properties

Properties	Items	Requirements	Typical values*1
Mechanical	Tensile strength (before aging)*2	min. 10.4MPa	16.0MPa
	Tensile strength (after aging)*2	136°C x 7 days, min. 7.3MPa	14.2MPa
	Elongation (before aging)	min. 200%	562%
	Elongation (after aging)	136°C x 7 days, min. 100%	500%
Electrical	Voltage resistance	AC2.5kV x 60 sec., no breakdown	pass
	Volume resistivity	min. 1.0 x 10 <sup>14</sup> Ω·cm	1.6 x 10 <sup>16</sup> Ω·cm
Chemical	Corrosion against bare copper	121°C x 16 hours, no corrosion	pass
	Flammability	Flammable	—

\*1: For reference use only

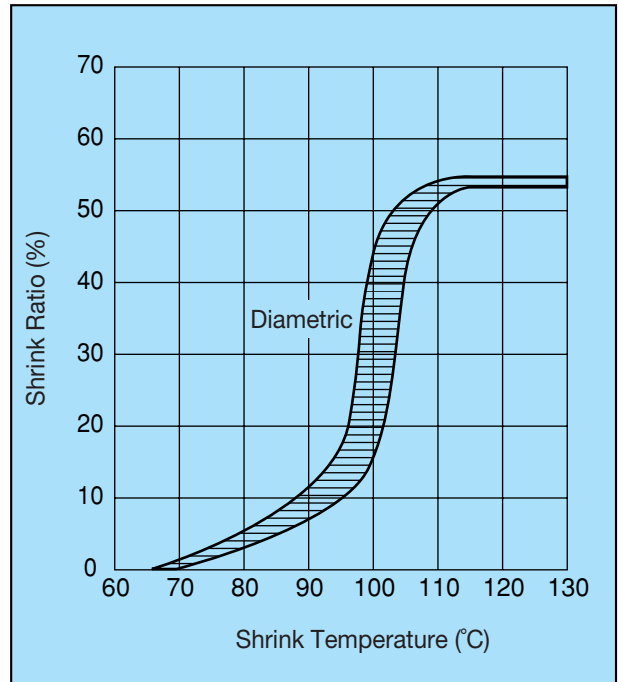
\*2: Calculated by using outer cross section

## Sizes

Nominal size (mm)	Supplied ID (mm)		Recovered ID (mm)			Unit length (min.) (m)
	Inside diameter (min.)	Wall thickness (nom.)*	Inside diameter (max.)	Wall thickness (nom.)*	Adhesive thickness (nom.)	
2 x 0.3	2.00	0.30	1.00	0.60	0.20	1
3 x 0.3	3.00	0.30	1.50	0.60	0.20	1
4 x 0.3	4.00	0.30	2.00	0.60	0.20	1
5 x 0.3	5.00	0.30	2.50	0.60	0.20	1
6 x 0.35	6.0	0.35	3.00	0.70	0.20	1
7 x 0.35	7.0	0.35	3.50	0.70	0.20	1
8 x 0.35	8.0	0.35	4.00	0.70	0.20	1
9 x 0.35	9.0	0.35	4.50	0.70	0.20	1
10 x 0.35	10.0	0.35	5.00	0.70	0.20	1

\*Including inner adhesive

## Shrink Property



Nominal size (inch)	Supplied ID (mm)		Recovered ID (mm)			Unit length (min.) (m)
	Inside diameter (min.)	Wall thickness (nom.)*	Inside diameter (max.)	Wall thickness (nom.)*	Adhesive thickness (nom.)	
1/8	3.20	0.40	1.60	0.70	0.20	1.22
3/16	4.80	0.40	2.40	0.70	0.20	1.22
1/4	6.4	0.40	3.20	0.75	0.20	1.22
3/8	9.5	0.40	4.80	0.75	0.20	1.22
1/2	12.7	0.40	6.4	0.75	0.20	1.22
3/4	19.1	0.45	9.5	0.90	0.20	1.22
1	25.4	0.55	12.7	1.10	0.20	1.22

\*Including inner adhesive