

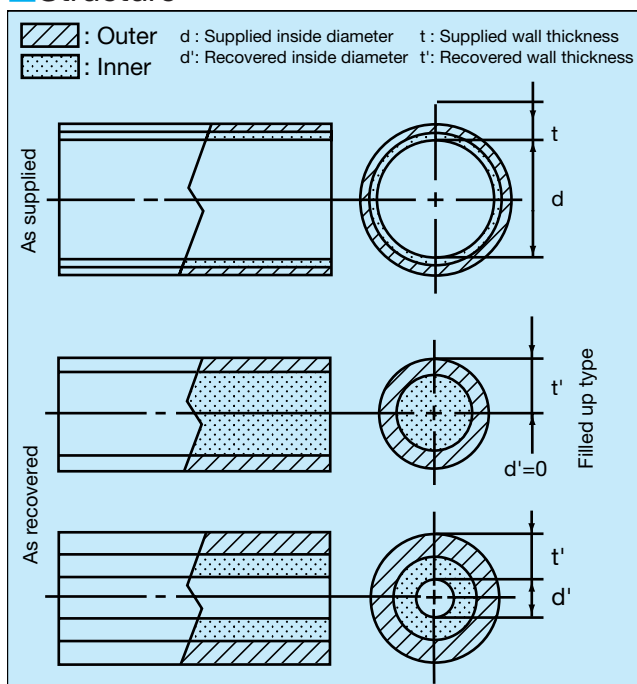
Basic Properties

- (1) Materials : Outer: Irradiated cross-linked flexible polyolefin
Inner: Meltable polyolefin
- (2) Shrink temperature : min. 115°C
- (3) Shrink Ratio : Radial change: min. 60%
Longitudinal change: min. -15%
- (4) Continuous Operating Temperature : -55 to 105°C

Features

- (1) Dual wall structure by using 2 tubings
- (2) Effective filling for large gap objects

Structure



Specification/Approvals

SFP standard (R4-1080)

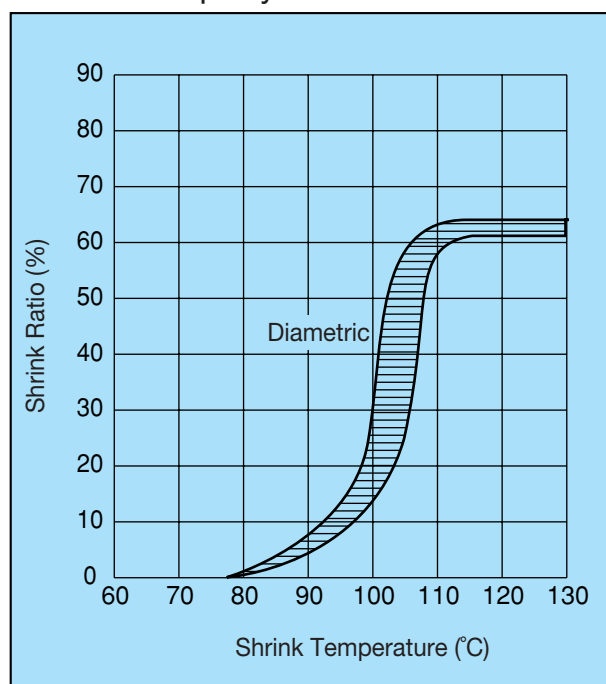
Application

- (1) Insulation, protection and reinforcement for termination and joints of electric wire
- (2) Anticorrosion for pipes

Colours

Black (inner: grey), Clear (inner: clear)

Shrink Property



Properties

Properties	Items	Requirements	Typical values*1
Mechanical	Tensile strength Elongation Gravity Hardness (shore-D)	min. 10.4MPa min. 200% — —	13.8MPa 475% 0.94 42
Electrical	Voltage resistance Volume resistivity	AC2.5kV x 60 sec., no breakdown min. $1.0 \times 10^{14} \Omega \cdot \text{cm}$	pass $1.7 \times 10^{16} \Omega \cdot \text{cm}$
Chemical	Water absorption Flammability	23°C x 24 hours, max. 0.30% Flammable	0.06% —

*1: For reference use only. They are the data of outer tubing.

Sizes

Nominal size (mm)	Supplied ID (mm)		Recovered ID (mm)		Unit length (min.) (m)
	Inside diameter (d)	Wall thickness (nom.) (t)	Inside diameter (max.) (d')	Wall thickness (nom.) (t')	
1.5	1.70 ± 0.20	0.50	Filled up	1.10	0.3
2.5	2.70 ± 0.20	0.50	Filled up	1.40	0.3
3.5	3.50 ± 0.30	0.55	Filled up	1.60	0.3
4.5	4.60 ± 0.30	0.60	Filled up	2.00	0.3
5.5	5.50 ± 0.40	0.65	Filled up	2.20	0.3
7	7.3 ± 0.5	0.65	2.80	1.50	0.3
8	8.2 ± 0.5	0.75	2.80	1.80	0.3
9	9.0 ± 0.5	0.75	2.80	1.90	0.3
10	10.0 ± 0.5	0.75	3.50	1.90	0.3
11	11.0 ± 0.5	0.80	4.00	2.00	0.3
14	14.0 ± 0.6	0.80	5.50	2.10	0.3