

Polyolefin Heat Shrink End Caps



Model Number: SBD-HSCP

Heat shrink end caps are a simple yet effective method for sealing cable ends, pipe, conduit or other similar objects.

Features

- 2:1 shrink ratio
- Superior resistance to weathering
- Resistant to common fluids
- Standard adhesive liner provides coated hot melt adhesive resists

continuous operating temperature

- Shrink temperature: start at 90°C, and fully recovered at 125°C

Technical Data

Property	Test Method	Standard Value
Operating temperature	IEC 216	-45°C ~+105°C
Tensile strength	ASTM-D 2671	≥13MPa
Elongation	ASTM-D 2671	≥300%
Tensile strength after aging	ASTM-D-2671/120°C,168hrs	≥11MPa
Elongation after aging	ASTM-D-2671/120°C,168hrs	≥210%
Longitudinal Shrinkage	UL 224	≤10%
Dielectric strength	IEC 243	≥20kV/mm
Volume resistivity	IEC 93	≥1×10 ¹⁴ Ω.cm
Resistance to stress cracking	ASTM D 1693 (50°C)	No cracking
Resistance to fungus and decay	ISO 846	Pass
Eccentricity	ASTM-D-2671	≤30%
Water Absorption	ISO 62	≤0.1%

Dimension

Size	Size after recovery(mm)		Size as supplied (mm)			Cable sizes(mm)
	Inner Diameter	Wall thickness	Inner Diameter	Wall thickness	Length (±5mm)	Outer Diameter
Φ 12	≤6.5	2.5±0.1	≥12	0.7±0.2	45	Φ6-9
Φ 16	≤8.0	2.5±0.1	≥16	1.2±0.2	70	Φ9-14
Φ 20	≤8.0	2.5±0.1	≥20	1.2±0.2	70	Φ9-17
Φ 25	≤11	2.5±0.1	≥25	1.2±0.2	80	Φ12-22
Φ 30	≤17	2.6±0.1	≥30	1.5±0.2	90	Φ15-25
Φ 35	≤19	2.6±0.1	≥35	1.5±0.2	90	Φ18-30
Φ 40	≤15	2.8±0.1	≥40	1.5±0.2	90	Φ20-35
Φ 55	≤25	2.8±0.1	≥55	1.5±0.2	115	Φ28-45
Φ 75	≤30	3.2±0.1	≥75	1.8±0.2	125	Φ40-65
Φ 100	≤42	3.5±0.1	≥100	1.8±0.2	140	Φ50-90
Φ 120	≤59	3.5±0.1	≥120	1.8±0.2	150	Φ70-110
Φ 140	≤63	4.0±0.1	≥140	2.0±0.2	180	Φ90-130
Φ 250	≤94	4.0±0.1	≥250	2.0±0.2	270	Φ120-240