



# FT-CEC

## Heat Shrink Semi-rigid, Adhesive-Lined Cable End Caps

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

**Typical Applications** Watertight sealing of cable ends and pipe conduit

**Standards** Rated for 600/1000V



### Features

- 3:1 shrink ratio
- Resistant to common fluids and solvents
- Superior resistance to weathering, moisture contamination and adverse environmental conditions
- Standard adhesive liner provides complete environmental protection and insulation
- Heat indicating lines
- Resistant to common fluids and solvents
- Coated hot melt adhesive resists pull-off
- Shrink temperature : 120°C
- Continuous operating temperature: -55°C to 110°C

### Dimensions

Expanded Length (Nom)		Expanded Internal Diameter Min		Recover Internal Diameter Max-d		Wall Thickness Nom-W		General Use Diameter		Cable Range
mm	IN	mm	IN	mm	IN	mm	IN	mm	IN	AWG/MCM
50.80	2.00	10.20	0.40	3.80	0.15	2.00	0.080	4.5-8.5	0.18-0.34	#8-#1
63.50	2.50	19.10	0.75	5.60	0.22	2.00	0.080	6-16.5	0.24-0.65	#2-4/0
76.20	3.00	27.90	1.10	10.20	0.40	2.40	0.095	11.5-25	0.45-1	2/0-500
76.20	3.00	33.00	1.30	10.20	0.40	2.40	0.095	11.5-30	0.45-1.2	300-1000
88.90	3.50	38.10	1.50	12.70	0.50	2.40	0.095	14-35	0.55-1.4	500-1500
88.90	3.50	43.20	1.70	12.70	0.50	2.50	0.100	14-40	0.55-1.6	650-1750
88.90	3.50	52.10	2.05	19.00	0.75	2.50	0.100	21-45	0.82-1.8	900-2500
101.60	4.00	69.80	2.75	25.40	1.00	2.50	0.100	30-63	1.2-2.5	2000-2500
114.30	4.50	88.90	3.50	30.00	1.18	2.50	0.100	33-83.8	1.3-3.3	—
139.70	5.50	119.40	4.70	39.90	1.57	2.70	0.105	40.6-114.3	1.6-4.5	—

### Technical Data

Property	Test Method	Standard	Typical Performance
Tensile Strength(MPa)	ASTM D2671	≥10.4	11.5
Elongation(%)	ASTM D2671	≥300	450
Tensile Strength after aging (MPa)	UL224 158°CX168hr	≥7.3	8.5
Elongation after aging(%)	UL224 158°CX168hr	≥200	350
Dielectric strength(kv/mm)	IEC243	≥15	17.5
Volume resistivity(Ω.cm)	ASTM D876	≥1X10 <sup>14</sup>	2.5X10 <sup>14</sup>

### Adhesive

Property	Test Method	Standard
Water Absorption	ASTM D570	≤0.2%
Softening Point(°C)	ASTM E28	90 ± 5
Strength of peeling(PE)	ASTM D 1000	120N/25mm
Strength of peeling(AL)	ASTM D 1000	80N/25mm