

ECC

Conductive End Caps perform the same function as a standard Heat Shrinkable End Cap, but with added feature of neutralising any potential induced voltages from nearby live power cables or static charges within the cable cores.

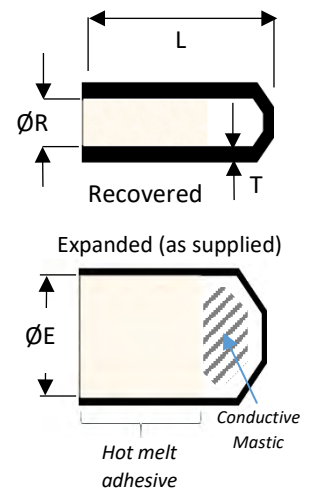
The caps are lined with a hot melt adhesive to provide a moisture tight seal and also conductive mastic coating in the base of the cap to ensure contact with the cable metallic parts.

The End Cap is made from thermally stabilised, cross linked conductive polymer and is suitable for use in temperatures between -30°C and +110°C, and with internal pressures up to 0.05MPa. They can be fitted over all types of plastic, metal and other materials.

- Resistant to moisture
- UV resistant - unlimited shelf life
- Quick and easy installation
- Standard colour: Black
- Conforms to specifications: IEC 62329-3, ENATS 09-11, RoHS 2011/65/EU and 2015/863/EU Compliant



MATERIAL SPECIFICATIONS		
CHARACTERISTIC	VALUE	TEST METHOD
Physical Properties		
Specific Gravity	1.01 ± 0.2	ASTM D - 1505
Water Absorption	<1%	IEC 62329-2 / ASTM D-570
Tensile Strength	>18 MPa	IEC 62329-2 / ASTM D-412
Ultimate Elongation	300%	IEC 62329-2 / ASTM D-412
Hardness	40 ± 5 Shore D	ISO 868 / ASTM D-2240
Thermal Ageing Tests (120°C for 500 hours)		
Ultimate Elongation	>250%	IEC 62329-2 / ASTM D-412
Tensile Strength	>15 MPa	IEC 62329-2 / ASTM D-412
Electrical Properties		
Volume Resistivity	<1x10 ⁶ Ohm-cm	ISO 3915 / ASTM D-229



*Drawing shows typical parts

PRODUCT DIMENSIONS – ECC Series

Code	Ø max-min Application Range	ØE Expanded	ØR Recovered	L Length Recovered*	T Thickness Recovered
	mm	mm	mm	Min (mm)	mm (+/-20%)
ECC/042/15/105	15 – 38	42	15	105	3.2
ECC/055/25/145	25 – 50	55	25	145	3.2
ECC/075/34/160	34 – 70	75	34	160	3.5
ECC/105/45/160	45 – 100	105	45	160	3.5

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