

CABLE END CAP LARGER SIZES AEC-R

Heat Shrinkable End Caps are used to provide a moisture tight seal on all types of cables.

The caps are lined with a hot melt adhesive to provide a moisture tight seal. The end cap is made from thermally stabilised, cross linked polymer and are suitable for use in temperatures between -30°C and +110°C, and with internal pressures up to 0.05MPa.

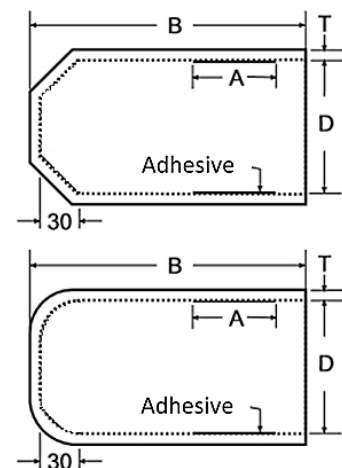
Other versions are available with conductive material or fitted with valves for pressurised cable applications.

- Can be fitted over all types of plastic, metal and other materials
- Resistant to aggressive chemicals and moisture
- UV resistant
- Unlimited Shelf life



MATERIAL SPECIFICATIONS

CHARACTERISTIC	VALUE	TEST METHOD
Physical Properties		
Specific Gravity	1.1 ± 0.2	ASTM D - 1505
Water Absorption	0.2%	ASTM D - 570/ ISO 62
Tensile Strength	≥21 MPa	EN 60684 - 2
Ultimate Elongation	500%	ASTM D - 412 / ISO 37
Hardness	43 ± 3 Shore D	ASTM D - 2240 / ISO 868
Bending at -30oC	No Cracks	EN 60684 - 2
Thermal Ageing Tests (150oC for 168 hours)		
Ultimate Elongation	>200%	ASTM 2 / EN60684 - 2
Tensile Strength	18 MPa	ASTM 2
Electrical Properties		
Volume Resistivity	≥1x10 ¹⁴ Ohm-cm	HD429 : 1997
Dielectric Strength	≥12Kv/mm (min)	EN 60243 - 1
Dielectric Constant	5 (max)	ASTM D - 150 / IEC 250



Drawing shows typical parts

PRODUCT DIMENSIONS – AEC-R Series

Code	Application Diameter Range mm	Diameter D		Length B		T
		Expanded Min (mm)	Recovered Max (mm)	Expanded Min (mm)	Recovered Min (mm)	Recovered mm (+/-20%)
AEC-R 200/90-160	99-180	200	90	160	150	5.0
AEC-R 230/125-220	140-200	230	125	220	200	5.0
AEC-R 310/120-220	280-140	310	120	220	200	5.0
AEC-R 400/204-220	230-380	400	204	220	200	5.0
AEC-R 500/200-220	230-480	500	200	220	200	5.0

A wider range of diameters/lengths and other options for colour and printing are available upon request.

We certify that the values provided are as accurate as possible. Use of these values, however, remains the sole responsibility of the customer and cannot in any way substitute for testing the product under real conditions of use. The user must assess whether this product is suitable for a particular use. KACAB shall not be held responsible for any loss or anomaly resulting from the correct or incorrect use of this product.