

EPDM END CAP

Features/Benefits

Simple installation, requires no tools.
Accommodates a wide range of cable sizes.
No torches or heat required. Good thermal stability.
Seals tight, retains its resiliency and pressure even after prolonged years of aging and exposure.
Excellent wet electrical properties.
Improved, tougher rubber formulation to withstand backfilling.
Water-resistant. Sealing class IP68, IP67 (Equivalent to ANSI C119.1)
No mastic or tape required to seal.
Resists acids and alkalis, resists ozone.



Typical Applications

Primary electrical insulation for all solid dielectric (rubber and plastic) insulated wire and cable splicing rated to 1000 volts.
Direct burial or submersible. For indoor, outdoor.
Physical protection and moisture sealing for air-insulated connectors and lugs such as spacer cable and lug connections to bus bar.
Insulation of secondary splices, copper or aluminum conductors.
Relocation of service. Dig-in repairs.
Sheath repairs.
Environmental sealing for communication and other non-electrical applications.
Insulation of inline conductor transition connectors

Typical Properties (Mechanical & Electrical) EPDM Rubber

Properties	Typical Data	Test Method
300% Modulus	4.7Mpa	ASTM D 412-75
Ultimate Tensile Strength	1 1.8 MPa	ASTM D 412-75
Ultimate Elongation	750%	ASTM D 412-75
Tear Strength	38.6N/mm	ASTM D624C-73
Dielectric Strength	19.1KV/mm	ASTM D149-75
Moisture Absorption	Weight gain 1.8%	7 days, 90°C, H ₂ O
UV Resistance	2,000 hrs, UVB-313 fluorescent lamp, exposure	

Size	Before Recovery D (mm)	After Recovery Length- (mm)	Application (mm)
AECE 25	Φ25	60	11.6-20.9
AECE 35	Φ35	60	15.9-30.1
AECE 55	Φ55	82	26.0-49.2
AECE 90	Φ90	100	45.5-84.3

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.