

UNDER BRIDGE ARM COVER (UBAC) WILDLIFE AND ASSET PROTECTION PRODUCTS

KEY FEATURES

- UV and weather resistant material
- Halogen Free and highly anti tracking
- Specially designed for use on connection fittings of under bridge insulators/supports
- Easily removed and reused for inspection
Maintenance free
- REACH and RoHS Compliant

TE Connectivity's (TE) Raychem UBAC under bridge arm covers protect energised connection and support end fittings from causing flashovers typically up to 25 kV due to reduced air space clearances and interactions with birds and animals.

UBAC covers are designed for use on Under Bridge Arms commonly used under tunnels, bridges and in stations where there is often little clearance above the contact wire and distance between end fitting and roof is even less.

Designed to be clipped into place without the need for any additional materials UBAC can be installed, removed and reinstalled with ease for maintenance and inspection.

Superior high-voltage outdoor materials are used in the UBAC cover design. The rugged, non-tracking, UV-resistant polymer ensures long-term performance even in the most extreme environmental conditions.

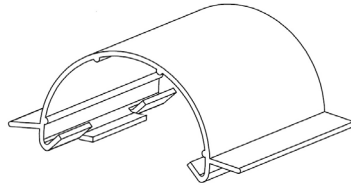
Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.

Under Bridge Arm Cover (UBAC)

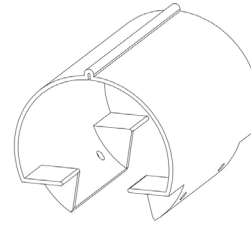


PRODUCT SELECTION INFORMATION

Product Description	Type
UBAC-150-01	A
UBAC-100-02	B



Type A: UBAC-150-01



Type B: UBAC-100-02

PRODUCT PERFORMANCE

PHYSICAL

Key Material Property	Test Method	Material Requirements	
		UBAC-150-01	UBAC-100-02
Tensile Strength	ASTM D638	17MPa (2450 psi) min.	10 MPa (1450 psi) min.
Ultimate Elongation	ASTM D638	25% min.	300% min.
Electrical			
Dielectric Strength (2.5mm)	ASTM D257	150kV/cm (380 V/mil) min.	130 kV/cm (330 V/mil) min.
Tracking and Erosion Resistance	ASTM D2303 Step Voltage Method (initiate at 2.5kV)	No tracking erosion to top surface or flame failure 1hr at 2.5kV 1hr at 2.75kV 1hr at 3.0kV 1hr at 3.25kV 1hr at 3.5kV	No tracking erosion to top surface or flame failure 1hr at 2.5kV 1hr at 2.75kV 1hr at 3.0kV 20 mins at 3.25kV

TECHNICAL REPORT

Description	Document Reference
Material Test Report (UBAC-150-01)	EDR-5655
Material Test Report (UBAC-100-02)	PPR-3326

Learn more: [TE.com/energy](https://www.te-connectivity.com/energy)

© 2022 TE Connectivity. All Rights Reserved. EPP-3954-DDS-2/22

TE, TE Connectivity, TE connectivity (logo), EVERY CONNECTION COUNTS, Raychem are trademarks owned or licensed by TE Connectivity. Other logos, product and company names mentioned herein may be trademarks of their respective owners. While TE has made every reasonable effort to ensure the accuracy of the information in this brochure, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE Connectivity's obligations shall only be as set forth in TE Connectivity's Standard Terms and Conditions of Sale for this product and in no case will TE Connectivity be liable for any incidental, indirect or consequential damages arising out of the sale, resale, use or misuse of the product. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions, specifications, and/or information contained herein are for reference purposes only and are subject to change without notice. Consult TE for the latest dimensions, specifications, and/or information. Users of TE Connectivity products should make their own evaluation to determine the suitability of each such product for the specific application.

Connect with us:

[TE.com/energy-contact](https://www.te-connectivity.com/energy-contact)