



MVAB SERIES

Medium Voltage Apparatus Boot

Rated 1-15 kV

Description

The Innovative Power Products MVAB boots are heatshrinkable boots used to seal and insulate bushing connections in cable-end boxes integral to switchgear and transformers. The MVAB boots are complimentary accessories to heatshrinkable live-front terminations such as the IPP MVT series terminations. The MVAB boots are designed for operation in air-filled cable-end boxes designed with reduced air clearances for compound filling. They are easy to install and easy to remove for equipment changeouts and cable testing during routine maintenance of the cable system.

Fast, Easy Installation and Removal

Installation is fast and simple; no special skills are required.

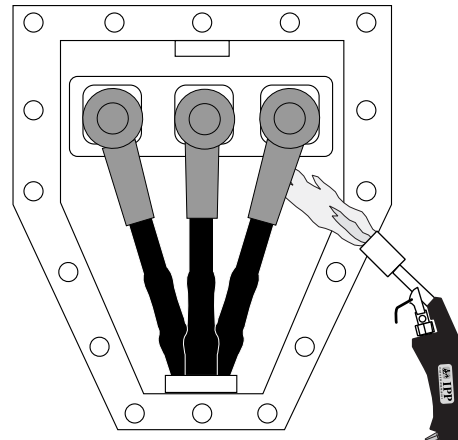
- Position over terminated cable
- Connect terminal lug to bushing
- Position boot over connection; shrink in place

Fast, Easy Reentry

Reentry is fast and simple. Score the boot from end to end, and reheat the boot with a torch.

Related Product Information

- MVAB series: • Price List PL-740



Specification	Test Method	Value (nom.)
Physical Properties		
Density	ASTM D-1505	1.15 g/cm ³
Tensile Strength	ASTM D-412	6 N/mm ²
Ultimate Elongation	ASTM D-412	200 %
Hardness	ASTM D-2240	28 Shore D
Water absorption	ASTM D-570	1%
Electrical Properties		
Dielectric Constant	ASTM D-150	5 (max.)
Electric Strength	ASTM D149	10 kV/mm
Volume Resistivity	ASTM D257	1 x 10 ¹² ohm-cm

Selection and Ordering Information

Select the MVAB using the dimensional data in the table below for the specific application for systems rated to 15 kV.

Part Number	H		J		R	S	P	W
	a	b	a	b				
Right-angle Boot								
MVAB 090-1	2.75	1.40	1.40	0.70	4.33	1.20	5.10	0.135
MVAB 090-2	2.75	1.40	2.00	0.98	4.33	1.20	5.50	0.175
MVAB 090-3	3.75	1.40	2.65	0.98	5.50	1.20	5.50	0.175
MVAB 090-4	5.70	2.75	2.56	1.25	6.30	1.55	6.00	0.175
In-line Boot								
MVAB 180-1	3.15	1.25	1.30	0.75	5.50	1.55	8.85	0.145
MVAB 180-2	3.15	1.25	2.25	0.75	5.50	1.55	8.85	0.145

Dimensions: all dimensions are in inches.: a = as supplied; b = after recovery