

## ADHESIVE LINED HIGH VOLTAGE BOOTS

**FLAME RETARDANT    ADHESIVE LINED    RoHS    WEATHER PROOF**

**Boot-130/130R** is a High voltage molded boot made from irradiated cross-linked polyolefin. Cable boots are used to provide insulation, anti-tracking, UV protection, and protection against the elements.

**Boot-130/130R** cable boots are available in straight boot and right angle boot. These boots have

excellent insulating performance, are weather proof and flame retardant.



## BOOT-130/130R APPLICATIONS

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Environmental and Mechanical Protection for Electrical Applications

Outdoors Environments where UV Rays and Weather Conditions are Present

Seals to Most Types of Electrical Cables and Pipes

Safely used in protecting cable ends up to 36KV against Flashover or Surges

Switch Gear and Transformer Applications

## BOOT-130/130R SPECIFICATIONS

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Temperature Rating: Full Recovery 130°C Continuous Operating -55°C to 100°C

Minimum Shrink Temperature: 110°C

Completely Shrunk at: 130°C

Voltage Rating up to 36KV

Standard Color is Orange

## **BOOT-130/130R DIMENSIONS (millimeters)**

Part No.	Type	Bushing End		Cable End		Bushing End	Cable End	Full
		Diameter		Diameter		Length	Length	Length
		a(mm)	b(mm)	a(mm)	b(mm)	b(mm)	b(mm)	b(mm)
Boot-130R-35	Right Angle	80	35	35	18	145	20	/
Boot-130R-50	Right Angle	80	35	50	26	145	34	/
Boot-130R-70	Right Angle	95	35	70	26	145	25	/
Boot-130-34	Straight	80	32	34	19	145	50	220
Boot-130-58	Straight	80	32	58	19	145	55	220

## **Physical Properties**

Property	Test Method	Standard
Tensile Strength	ASTM-D-2671	≥ 12 MPa
Tensile Strength after Thermal Aging	ASTM-D-2671 (120°C / 168 hrs.)	≥ 8.5 MPa
Elongation at Break	ASTM-D-2671	≥ 300%
Elongation at Break after Thermal Aging	ASTM-D-2671 (120°C 168hrs)	≥ 200%
Water Absorption	ISO 62	≤ 1%
Volume Resistance	IEC 93	10 <sup>13</sup> Ω .cm
Dielectric Strength	ASTM-D-2671	≥15kv/mm
Resistance to Tracking	ASTM D-2303	Non Tracking
Tracking Resistance	ASTM D 2303	3.75KV, 1hr,Pass
Electric Constant	IEC 250	3.0
Flammability (Oxygen Index)	IEC 93	≥ 25
Copper Corrosion	ASTM D 2671	120°C, 168hrs, no corrosion
Cold Bend	ASTM D 2671	-40°C, 4hrs, no cracking

## **Ordering Information**

Colors: Orange

Standard Packaging: 25 Pcs Per Bag

Part No. Example: Boot130R-35-3 = Orange 130°C 35mm Cable End Diameter

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