



ADHESIVE LINED SEMI-CONDUCTIVE CABLE BREAKOUTS

SEMI-CONDUCTIVE ADHESIVE LINED RoHS WEATHER PROOF

HCCB-3 is a Heat Shrinkable High voltage highly conductive molded cable breakout made from irradiated cross-linked polyolefin. This break out is specially designed to provide an effective conductive screen and sealing protection to cable terminations. Cable break outs are used in the electric power industry to provide insulation and sealing over the crutch of multi-core cables. **HCCB-3** cable breakouts are available in three core multi-cable applications.



HCCB-3 APPLICATIONS

Environmental and Mechanical Protection for Electrical Applications

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

HCCB-3 SPECIFICATIONS

Temperature Rating: Full Recovery 130°C Continuous Operating -55°C to 105°C

Minimum Shrink Temperature: 110°C

Completely Shrunk at: 130°C

Voltage Rating up to 36KV

Standard Color is Black

HCCB-3 DIMENSIONS (millimeters)

Part No.	Break Out		Finger Diameter		Full Length	Finger Length
	Main Diameter		as Supplied			
	Expanded	Recovered	Expanded	Recovered	±10%	±10%
	mm	mm	mm	mm	mm	mm
HCCB-3-60	60	24	20	8	175	50
HCCB-3-80	80	36	36	12	190	55
HCCB-3-110	110	46	48	15	200	60
HCCB-3-125	125	55	55	20	200	80
HCCB-3-140	140	68	70	25	220	80

Physical Properties

Property	Test Method	Standard
Operating Temperature	IEC 216	-55°C to 100°C
Tensile Strength	ASTM-D-2671	≥ 12 MPa
Tensile Strength after Thermal Aging	ASTM-D-2671 (120°C / 168 hrs.)	≥ 10 MPa
Elongation at Break	ASTM-D-2671	≥ 250%
Elongation at Break after Thermal Aging	ASTM-D-2671 (120°C 168hrs)	≥ 200%
Water Absorption	ISO 62	≤ 1%
Volume Resistance	IEC 93	≥10 ⁴ Ω .cm

Ordering Information

Colors: Black

Standard Packaging: 25 Pcs. Per Bag

Part No. Example: HCCB-3-60-0 = Black 60mm Cable Break Out

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