



**Cable Break Out Boots for low voltage applications, with and without adhesive liner**

- HEV

**Features and Benefits**

Cable breakout boots are designed for insulating and sealing a cable crotch, or conduit system, and provide excellent resistance to abrasion and weathering.

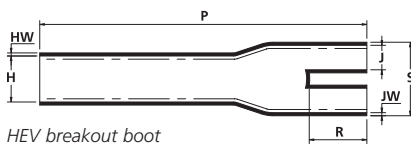
**Application**

Cable breakouts are manufactured from a tough cross-linked polyolefin containing a flame retardant. This allows the breakouts to be used for both interior and exterior applications. They offer excellent electrical and mechanical protection.


Cable breakouts are supplied with an adhesive inner coating for reliable environmental sealing, and are available for 2, 3, 4, 5 and 6 core cables.



HEV breakout boot for two-core cable.



HEV breakout boot

 Please note! Not all products listed on this page may have this approval. For product specific approvals please refer to the Appendix.

Material Data	
Material	<b>Polyolefin, Chemically cross-linked (POX)</b>
Colour	<b>Black (BK)</b>
Shrink Ratio	<b>up to 3:1</b>
Dielectric Strength	<b>15 kV/mm</b>
Minimum Shrink Temperature	<b>+135 °C</b>
Operating Temperature	<b>-55 °C to +80 °C</b>
Flammability Specification	<b>ASTM D635 Det Norske Veritas</b>



**Technical Table**

Article-No.	Type	Recomm. application (mm <sup>2</sup> )		H min a	H max b	J min a	J max b	Recovered				
		from	to					P ± 10%	R ± 10%	S nom	HW ± 20%	JW ± 20%
<b>2 Finger Breakout Boot</b>												
402-16039	<b>216-3-B8W</b>	2.5	10.0	21.0	9.4	9.0	2.79	76.5	20.0	–	1.59	1.59
402-23058	<b>223-2-B8W</b>	4.0	35.0	33.0	9.4	17.5	4.1	94.0	30.0	20.0	1.5	1.2
402-18051	<b>218-2-B8W</b>	50.0	150.0	49.0	22.9	20.0	7.6	119.0	34.0	30.0	3.2	3.2
402-19032	<b>219-2-B8W</b>	185	400	87.0	38.1	43.0	12.7	141.5	42.5	44.0	3.8	3.8
<b>3 Finger Breakout Boot</b>												
403-54004	<b>354-1-B8W</b>	16.0	45.0	45.0	10.0	16.0	4.0	100.0	25.0	–	3.0	2.0
403-20012	<b>320-1-B8W</b>	50.0	150.0	55.8	22.5	30.4	9.0	180.0	44.0	37.0	3.0	2.0
403-55005	<b>355-1-B8W</b>	150	240	100.0	28.0	40.0	13.0	210	50.0	–	3.5	2.5
403-24016	<b>324-1-B8W</b>	150	300.0	90.0	35.5	35.0	14.5	200.0	50.0	54.0	3.0	2.0
403-42006	<b>342-1-B8W2</b>	185	400	110.0	35.0	40.0	17.5	230.0	45.0	55.0	4.0	3.5
403-41005	<b>341-1-B8W2</b>	240	400.0	125.0	59.0	50.8	25.4	283.0	71.0	75.0	3.8	3.8
<b>4 Finger Breakout Boot</b>												
404-42022	<b>442-1-B8W</b>	2.5	10.0	28.0	9.0	9.0	1.8	78.0	17.0	20.0	2.7	2.0
404-08022	<b>408-2-B8W2</b>	4.0	35.0	35.0	12.0	15.0	3.0	95.0	24.0	22.0	2.5	2.0
404-09021	<b>409-2-B8W2</b>	35.0	70.0	47.4	22.9	21.5	6.4	165.0	38.1	38.1	4.1	3.3
404-18020	<b>418-4-B8W2</b>	70.0	150.0	60.0	22.9	30.0	6.4	202.0	38.1	38.0	4.1	3.3
404-44010	<b>444-1-B8W2</b>	150	400.0	95.0	35.6	45.0	12.5	240.0	55.0	50.8	4.0	3.5

All Dimensions in mm, except for "mm<sup>2</sup>". Subject to technical changes.

a as supplied  
b recovered