

## Heat shrink cable breakout with adhesive coating

**Model: WCB**

Made of cross linked polyolefin, inner coated with adhesive at the ends

Provide sealing protection over multi-core cable crutch, including 2-, 3-, 4-, 5-cores breakout

Meeting with varieties of configuration requirements

Continuous operation temperature: -45°C to 105°C

Shrink temperature: start at 110°C, and fully recovered at 135°C

### Technical Data

Property	Test Method	Standard Value		
		Insulated Breakout	Oil Resistant Breakout	Conductive
				Breakout
Operation Temperature	IEC 216	-45°C to 105°C	-45°C to 105°C	-45°C to 105°C
Tensile Strength	ASTM-D-2671	≥12MPa	≥11MPa	≥12MPa
Elongation at Break (120°C,168 hrs)	ASTM-D-2671	≥300%	≥300%	≥300%
Tensile Strength after Aging (120°C,168 hrs)				
Elongation at Break after Aging	ASTM-D-2671	≥10MPa	≥9MPa	≥10MPa
Elongation at Break after Aging	ASTM-D-2671	≥230%	≥230%	≥230%
Tensile Strength after Dipping	ASTM-D-2671	-	≥10MPa	-
Elongation at Break after Dipping	ASTM-D-2671	-	≥230%	-
Dielectric Strength	IEC 60243	≥20kV/mm	≥20kV/mm	-
Water Absorption	ISO 62	≤0.5%	≤0.5%	≤0.5%
Volume Resistivity	IEC 60093	≥10 <sup>14</sup> Ω.cm	≥10 <sup>14</sup> Ω.cm	10 <sup>2</sup> ~10 <sup>14</sup> Ω.cm

### Product Size:

Product No.	Base Diameter		Finger Diameter		Full Length	Finger Length	Remark	
	As Supplied (Min) /mm	After Recovered (Max) /mm	As Supplied (Min) /mm	After Recovered (Max) /mm	(±10%)	(±10%)		
					mm	mm		
2 Cores	24/12 (0#)	24	12	12	5	130	55	Flat coating
	38/16 (1#)	38	16	20	7	140	60	Flat coating
	48/18 (2#)	48	18	25	9	145	60	Flat coating
	60/24 (3#)	60	24	35	11	135	55	Flat coating
	72/25 (4#)	72	25	40	12	140	60	Flat coating

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3 Cores	24/16 (-2#)	24	16	11	5	140	50	Flat coating
	48/22 (-1#)	48	22	18	7	170	55	Flat coating
	60/28 (0#)	60	28	25	8	175	55	Flat coating
	70/36 (1#) *☆	70	36	30	13	210	55	<b>Spiral coating available</b>
	85/45 (2#) *☆	85	45	40	16	225	60	
	110/53 (3#) *☆	110	53	42	19	250	85	
	125/63 (4#) *☆	125	63	58	25	245	95	
	140/63 (5#)	140	63	65	25	245	90	Flat coating
4 Cores	38/18 (0#)	38	18	10	5	130	45	Flat coating
	50/24 (1#) ☆	50	24	16	7	135	45	Flat coating
	70/32 (2#) ☆	70	32	23	9	180	65	<b>Spiral coating available</b>
	80/44 (3#) ☆	80	44	30	13	210	75	
	90/44 (4#) ☆	90	44	35	13	210	75	
	110/53 (5#)	110	53	40	13	210	75	Flat coating
	110/51 (5# lengthen)	110	51	40	17	225	55	Flat coating
5 Cores	42/21 (0#)	42	21	12	5	155	55	Flat coating
	57/29 (1#)	57	29	16	7	170	60	Flat coating
	70/38 (2#)	70	38	23	9	170	55	Flat coating
	90/50 (3#)	90	50	30	13	180	60	Flat coating
	120/47 (4#)	120	47	39	14	205	80	Flat coating

**Remark:** \* means conductive breakout general standing for three cores breakout  
 ☆ means PILC breakout general standing for three cores or four cores breakout  
 Flame retardant cable breakout are available up on requirement.