
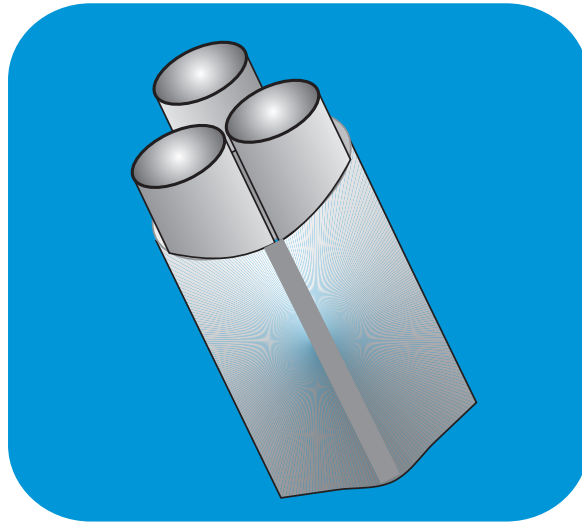


Three Leg Cable Breakouts

JOINTMASTER -  weldcon heat shrinkable three way cable breakouts (boots) provide a positive environmental seal to the crutch of 3 core PVC and PILC cables up to 3.3kV rated voltage.

The breakouts are made from cross-linked polymeric material, highly resistant to the affects of weathering.

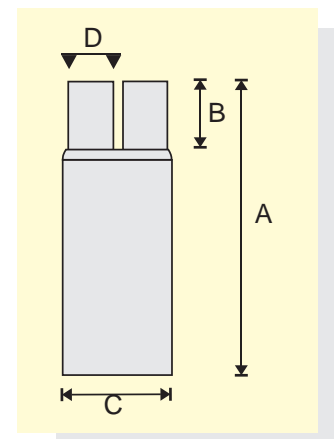
The breakouts are coated internally with a layer of hot melt adhesive.



MATERIAL SPECIFICATION	RESULTS	TEST METHOD
THERMAL PROPERTIES		
Continuous operating temperature	-55 ~ +100°C	IEC 216
Shrinking temperature	135°C	IEC 216
Thermal shock	No damage	ASTM D 2671 - 746
Cracking low temperature	< -50°C	ASTM D 2671
Flamability	Self extinguishing	ASTM D 876
PHYSICAL PROPERTIES		
Shrink ratio	3:1 ~ 4:1	
Tensile strength	> 14 N/mm ²	ASTM D 638
Elongation	> 600%	ASTM D 638
Longitudinal shrinkage	< +10%	ASTM D 2671
Permeability	< 0,03%	UNI ISO 62
Secant modulus 2%	> 160 Mpa	ASTM D 882
ELECTRICAL PROPERTIES		
Dielectric strength	> 11 kV/mm	ASTM D 149
Volume resistivity	> 1 x 10 ¹² cm	ASTM D 257
CHEMICAL PROPERTIES		
Mould resistance	No growth	ASTM G 21 - D 638
Oil resistance	Excellent	ISO 175
Environmental resistance	No damage	ASTM D 1693

Break out Size	A	B	C Exp	C Rec	D Exp	D Rec	LC %
MGL3-31/17	94	28	31	17	18	5	10
MGL3-56/22	180	44	56	22	30	9	10
MGL3-75/35	180	40	75	35	37	17	10
MGL3-110/35	180	40	110	35	40	17	10
MGL3-125/59	280	70	130	58	50	25	10

All dimensions in mm
EXP = As supplied expanded REC = After free recovery
LC = Longitudinal change C & D Are internal diameter



Setting the Standards in Cable Jointing