

HEAT SHRINK SEMI CONDUCTIVE CABLE BREAKOUT



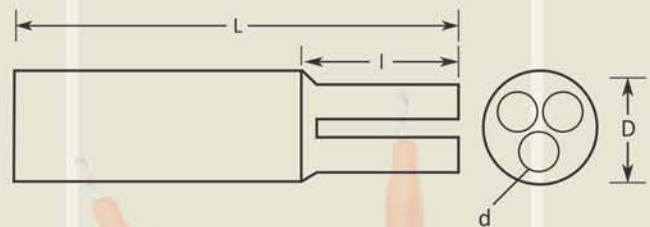
Insulcore - Semi Conductive is used for PILC belted cable to seal the crutch area as well as to provide individual screening to each core.

The breakouts are made from high quality cross linked semi conductive polyolefin material. The breakouts are internally coated with water resistant red mastic.

Selection Chart											
All dimensions are in mm.											
Code	No. Of Cores	D		d		L		l		Tb	Tc
		s	f	s	f	s	f	s	f	f	f
		min	max	min	max	min	min	min	min	±10%	±10%
GCB-0820	3	55	20	25	8	160	188	52	62	3.7	2.8
GCB-1330	3	80	30	36	13	185	215	60	75	3.9	3.1
GCB-1330 A	3	95	30	39	13	180	215	60	75	3.9	3.1
GCB-2145	3	110	45	55	20	190	230	65	90	4.3	3.0
GCB-2145 A	3	125	45	60	21	175	230	60	90	4.3	3.0
GCB-2755	3	140	56	70	28	200	250	75	90	4.6	3.4
GCB-2755 A	3	170	56	70	29	190	255	70	90	4.6	3.4

D : Internal Diameter; s : as supplied; f : after free recovery; Tb, Tc : Thickness of body & core

* New sizes



Technical Specification		
PROPERTIES	VALUE	STANDARD
Physical		
Tensile Strength	12 N/mm ² (Mpa) (min.)	ASTM D638
Ultimate Elongation	300 % (min)	ASTM D638
Density	1.10 ± 0.2 gm/cm ³	ASTM D792
Hardness	45 ±10 Shore D	ASTM D2240
Water absorption	0.5 % (max.)	ASTM D570
Thermal		
Accelerated ageing	(120°C for 500 hrs)	ASTM D2671
Tensile Strength	11 N/mm ² (Mpa) (min.)	ASTM D638
Ultimate Elongation	250 % (min.)	ASTM D638
Heat Shock (250°C for 30 min)	No Cracking or flowing	ESI 09-11
Shrink Temperature	125°C	IEC 216
Continuous Temperature Limit	-40 to +100°C	IEC 216
Electrical		
Volume Resistivity	1 x 10 ⁷ Ohm.cm (max)	ASTM D257

