

HEAT SHRINK SEMI CONDUCTIVE CABLE BREAKOUT

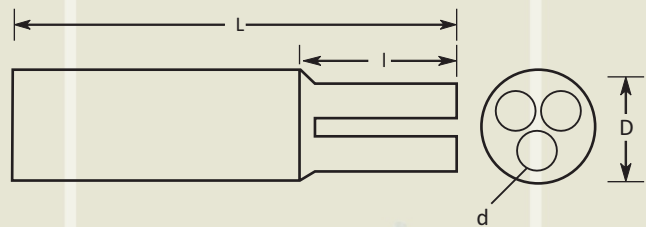


Insulcore - Semi Conductive is used for PILC belted cable to seal the crutch area as well as to provide individual screening to each core.

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	3.3	2.7
GCB-1330	3	80	30	36	13	185	215	60	75	3.6	3.3
GCB-2145 N	3	113	45	57	21	247	215	70	85	2.1	3.1
GCB-2755	3	140	56	68	29	200	250	75	90	3.5	3.9

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



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

