

## HEAT SHRINK NON TRACKING CABLE BREAKOUT



Insulcore - Non Tracking provides permanent environmental seal to the crutch of 3 core PVC & PILC cable rate upto 36KV.

Manufactured from high quality non tracking cross linked polyolefin material that offers exceptional insulation and long term service reliability.

The breakouts are internally coated with water resistant mastic.

Excellent weather / UV resistance

Good resistance to chemical, solvent, corrosion and fungus.

### 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%
GAB-0820	3	60	20	25	8	160	188	45	62	3.7	2.8
GAB-0820 A	3	70	20	27	8	155	188	40	62	3.7	2.8
GAB-1330	3	80	30	39	13	185	215	60	75	3.9	3.1
GAB-1330 A	3	100	30	39	13	185	215	60	75	3.9	3.1
GAB-2145	3	110	45	55	20	200	230	70	90	4.3	3.0
GAB-2145 A	3	125	45	57	21	190	230	65	90	4.3	3.0
GAB-2755	3	140	56	68	28	215	250	80	90	4.6	3.4
GAB-2755 A	3	180	56	68	29	210	255	80	90	4.6	3.4
GAB-3060	3	200	60	70	30	190	225	70	85	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
<b>Physical</b>		
Tensile Strength	12 N/mm <sup>2</sup> (Mpa) (min.)	ASTM D638
Ultimate Elongation	350 % (min)	ASTM D638
Density	1.15± 0.2 gm/cm <sup>3</sup>	ASTM D792
Hardness	45 ±10 Shore D	ASTM D2240
Water absorption	0.5 % (max.)	ASTM D570
<b>Thermal</b>		
Accelerated ageing	(120°C for 500 hrs)	ASTM D2671
Tensile Strength	11 N/mm <sup>2</sup> (Mpa) (min.)	ASTM D638
Ultimate Elongation	300 % (min.)	ASTM D638
Low Temperature Flexibility (-40°C for 4 hrs.)	No Cracking	ASTM D2671
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
<b>Electrical</b>		
Dielectric Strength	15 KV/mm.(min)	ASTM D149
Volume Resistivity	1 x 10 <sup>14</sup> Ohm. cm (min)	ASTM D257
Dielectric constant	5 (max.)	ASTM D150
Resistant to track & erosion	No Tracking, erosion or flame failure upto 3.25 KV for 20 min.	ASTM D2303

