



Features/Applications

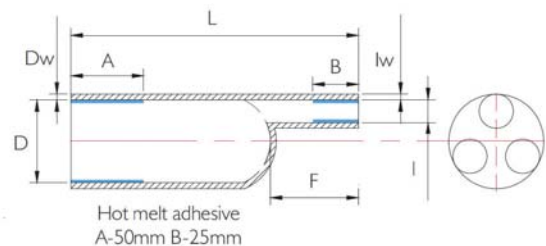
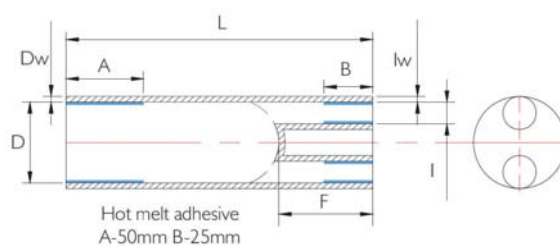
GREMSHAPES® GBOS is a hot melt lined polyolefin heat shrink moulded breakout. GREMSHAPES® GBOS offers a superior resistance to oxidation, UV radiation and excellent encapsulation properties. GREMSHAPES® GBOS is suitable for both open air and underground power distribution (up to 1kV) and telecommunication cables, with PVC or XLPE sheets.

Various

Standard colour: Black.
2 cores and 3 cores versions.

Dimensions

GREMSHAPES® GBOS	D (mm)		I (mm)		Recovered length		Recovered wall thickness	
	a (min.)	b (max.)	a (min.)	b (max.)	L (mm)	F (mm)	Dw (mm)	Iw (mm)
2 cores breakout								
LV2 22/8	22	8	10	3	85	20	2.2	2.0
LV2 32/8	32	8	14	3	85	20	2.2	2.0
LV2 32/10	32	10	14	4	85	20	2.2	2.0
LV2 60/20	60	20	24	7	120	34	3.0	2.5
LV2 156/65	156	65	50	15	140	60	2.2	2.0
3 cores breakout								
LV3 25/9	25	9	9	3	100	20	2.0	1.8
LV3 37/14	37	14	15	4	100	21	2.2	2.0
LV3 53/20	53	20	25	8	188	62	3.7	2.8
LV3 80/30	80	30	36	13	215	75	4.3	3.2
LV3 95/30	95	30	39	13	215	75	4.3	3.2
LV3 110/45	110	45	55	20	235	88	4.6	3.8
LV3 125/45	125	45	60	21	230	90	4.6	3.4
LV3 140/56	140	56	70	28	250	90	4.6	3.4
LV3 180/58	180	58	70	29	250	90	4.6	3.4



Property

Property	Values	Test Methods
Physical		
Operating temperature	-55°C to +110°C	IEC 216
Tensile strength	13MPa (min.)	ASTM D 2671
Tensile strength after thermal aging	10 MPa (min.)	ASTM D 2671 (120°C/168hrs.)
Elongation at break after thermal aging	250% (min.)	ASTM D 2671 (120°C/168hrs.)
Elongation at break	300% (min.)	ASTM D 2671
Water absorption	1% (max.)	ISO 62
Volume resistance	10 ¹³ Ω cm (min.)	IEC 93
Dielectric strength	15kV/mm (min.)	IEC 243
Flammability	Flammable	/

Recommended storage conditions: Keep in cool, dry, ventilated storage (maximum temperature of 35°C) and in closed containers.

