



Features/Applications

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

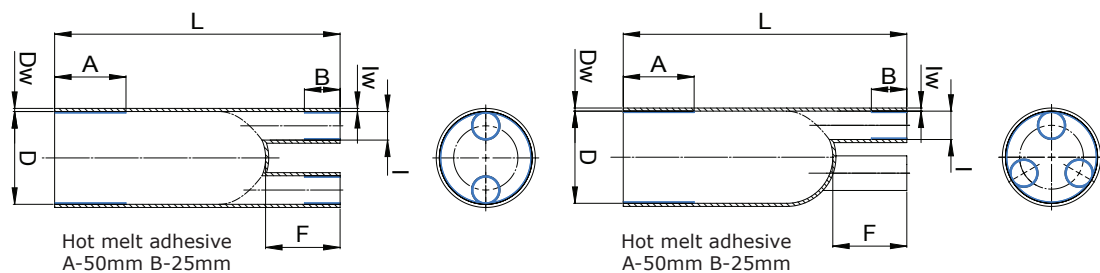
Various

Standard colour: Black.

Dimensions

GREMSHAPES® GBOS	D (mm)		I (mm)		Recovered length		Recovered wall thickness	
2 cores breakout	a (min.)	b (max.)	a (min.)	b (max.)	L (mm)	F (mm)	Dw (mm)	Iw (mm)
LV2 22/8	22	8	10	3	85	20	2,2	2,0
LV2 28/8	28	8	12	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	138	58	2,2	2,0
3 cores breakout	a (min.)	b (max.)	a (min.)	b (max.)	L (mm)	F (mm)	Dw (mm)	Iw (mm)
LV3 37/14	37	14	15	4	100	21	2,2	2,0
LV3 60/20	60	20	25	8	188	62	3,7	2,8
LV3 75/28	75	28	35	13	173	47	3,5	3,0
LV3 80/30	80	30	36	13	215	75	3,9	3,1
LV3 100/30	100	30	39	13	215	75	3,9	3,1
LV3 110/45	110	45	55	20	235	88	4,3	3,0
LV3 125/45	125	45	57	21	230	90	4,6	3,4
LV3 140/56	140	56	68	28	250	90	4,6	3,4
LV3 180/58	180	58	68	29	250	90	4,6	3,4

• a : as supplied / b : after free recovery



Property

		Values	Test Methods
Physical	Working temperature	-40°C to +110°C	-
	Longitudinal change	15% maxi.	ASTM D 2671
	Tensile strength	> 12 Mpa	ASTM D 638
	Elongation at break		
	Tensile strength	> 11 Mpa	ASTM D 638
	Elongation at break after aging		
	Low temperature flexibility	No cracking	ASTM D 2671
Electrical	Heat shock	30 min. @ 250°C	ESI 09-11
	Dielectric strenght	> 12kV/mm	ASTM D 149
	Volume resistivity	> 1x10 ¹⁴ Ω.cm	ASTM D 257
Chemical	Water absorption	< 0,2% (max.)	ASTM D 570

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

