

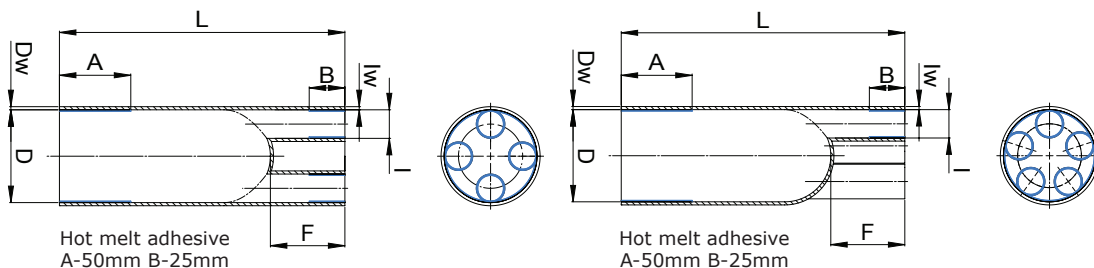


GREMSHAPES® GBOS are suitable for used both on open air and on underground power distribution (up to 1kV) and telecommunication cables with PVC or XLPE sheets.

Standard colour: Black.

GREMSHAPES® GBOS	D (mm)		I (mm)		Recovered length		Recovered wall thickness	
4 cores breakout	a (min.)	b (max.)	a (min.)	b (max.)	L (mm)	F (mm)	Dw (mm)	Iw (mm)
LV4 40/12	40	12	12	3	100	25	2,4	1,7
LV4 41/16	41	16	14	4	100	23	2,4	1,7
LV4 50/17	50	17	17	4	95	23	2,4	1,7
LV4 58/26	58	26	21	7	170	48	3,5	2,5
LV4 70/25	70	25	25	8	190	51	3,5	2,3
LV4 70/30	70	30	25	9	190	48	3,7	2,6
LV4 80/31	80	31	31	10	190	47	3,7	2,6
LV4 90/42	90	42	35	13	210	52	3,7	2,6
LV4 110/44	110	44	35	13	208	51	3,7	2,6
LV4 125/44	125	44	40	14	208	51	3,7	2,6
5 cores breakout	a (min.)	b (max.)	a (min.)	b (max.)	L (mm)	F (mm)	Dw (mm)	Iw (mm)
LV5 50/16	50	16	15	4	110	33	3,2	2,6
LV5 80/32	80	32	26	8	190	65	3,3	2,8
LV5 100/33	100	33	32	8	190	65	3,3	2,8
6 cores breakout	a (min.)	b (max.)	a (min.)	b (max.)	L (mm)	F (mm)	Dw (mm)	Iw (mm)
LV6 44/12	44	12	13	4	82	30	2,2	2,0
LV6 85/37	85	37	25	7	140	46	3,2	2,6
7 cores breakout	a (min.)	b (max.)	a (min.)	b (max.)	L (mm)	F (mm)	Dw (mm)	Iw (mm)
LV7 95/37	95	37	26	7	140	55	2,7	2,6

- 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	Unaged	> 12 Mpa	ASTM D 638
	Elongation at break		> 350%	ASTM D 638
	Tensile strength	Aged 500h @ 120°C	> 11 Mpa	ASTM D 638
	Elongation at break after aging		> 300%	ASTM D 638
	Low temperature flexibility	4h @ -40°C	No cracking	ASTM D 2671
	Heat shock	30 min. @ 250°C	No cracking or flowing	ESI 09-11
Electrical	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



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