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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

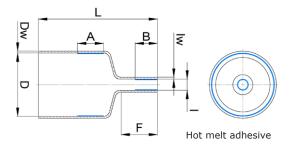
Standard colour: Black.



Dimensions

	Reference	D (mm)		I (mm)		Recovered length		Recovered wall thickness			
	GREMSHAPES® GBOS 1	a (min.)	b (max.)	a (min.)	b (max.)	L (mm)	F (mm)	Dw (mm)	Iw (mm)		
	LV1 85/42	85	42	15	5	130	45	2,5	2,8		
	LV1 60/30	60	30	45	10	130	45	2,5	4,5		
	LV1 100/52	100	52	20	8	150	65	3,0	3,0		
	LV1 100/50	100	50	20	8	210	70	3,0	3,0		
	LV1 150/92	150	92	14	5	150	55	3,5	3,5		
	LV1 160/92	160	92	60	20	150	50	3,2	3,0		
	LV1 160/92LF	160	92	100	45	150	50	3,5	3,5		

a: as supplied / b: after free recovery



Proper	ty	Values	Test Methods		
Physical	Working temperature		-55°C to +110°C	-	
	Longitudinal change		-15%	ASTM D 2671	
	Tensile strength	Unaged	≥ 13 MPa	ASTM D 2671	
	Elongation at break	Ollageu	≥ 300%	ASTM D 2671	
	Tensile strength	Agod (169h @ 1309C)	≥ 10 MPa	ASTM D 2671	
	Elongation at break after aging	Aged (168h @ 120°C)	≥ 250%	ASTM D 2671	
Electrical	Dielectric strength		≥ 15 kV/mm	ASTM D 2671	
	Volume resistivity		$\geq 1x10^{13} \Omega.cm$	IEC 93	
Chemical	Water absorption		≤ 0,1% (max.)	ISO 62	

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

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Whilst every attempt is made to provide data that is as accurate as possible the values provided should be treated as a guide only. It remains the responsibility of the user to test the product and determine suitability. GREMTEK shall not be held responsible for any loss or defect resulting from incorrect, improper or inappropriate use of this product.

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