

Features/Applications

GREM SHAPES® GBOS is a flame retardant hot melt lined irradiated polyolefin heat shrink moulded breakout with 1 finger.
GREM SHAPES® GBOS offers a superior resistance to oxidation, UV radiation and excellent encapsulation properties.
GREM SHAPES® 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.

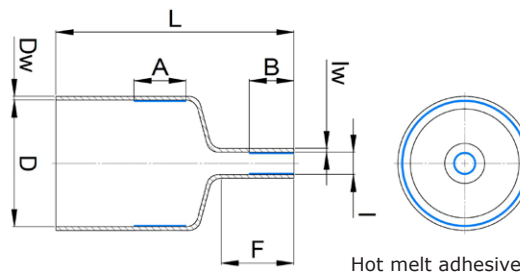
Various

Standard colour: Black.

Dimensions

Reference	D (mm)		I (mm)		Recovered length		Recovered wall thickness	
	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



Property	Values	Test Methods
Physical		
Working temperature	-55°C to +110°C	-
Longitudinal change	-15%	ASTM D 2671
Tensile strength	≥ 13 MPa	ASTM D 2671
Elongation at break	Unaged ≥ 300%	ASTM D 2671
Tensile strength	Aged (168h @ 120°C) ≥ 10 MPa	ASTM D 2671
Elongation at break after aging	≥ 250%	ASTM D 2671
Electrical		
Dielectric strength	≥ 15 kV/mm	ASTM D 2671
Volume resistivity	≥ 1x10 ¹³ Ω.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.

