

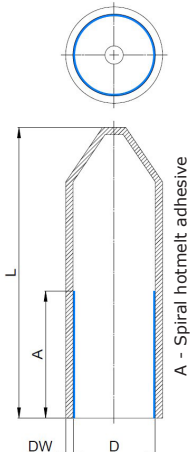
Features/Applications

GREM SHAPES® GCAPS is a hot melt lined polyolefin heat shrink moulded end cap. GREM SHAPES® GCAPS offers a superior resistance to oxidation, UV radiation and excellent encapsulation properties. GREM SHAPES® GCAPS 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



GREM SHAPES® GCAPS	Standard length end caps					
	Da (min)	Db (max)	La (±10%)	Dwb (±10%)	A (±10%)	Cable Diameter (mm)
006,0	6	2	25	2,0	5	2 - 4
012,0	12	4	40	2,3	12	4 - 8
014,0	14	4	58	2,3	15	4 - 11
020,0	20	7,5	55	2,3	25	8 - 16
025,0	25	8	55	2,3	20	8 - 20
030,0	30	11	75	2,5	28	12 - 26
035,0	35	11	75	2,5	30	12 - 30
040,0	40	15	90	3,3	35	16 - 35
055,0	55	25	125	3,5	45	25 - 47
075,0	75	35	140	4,0	55	35 - 68
100,0	100	45	160	4,0	65	45 - 90
130,0	130	60	155	4,6	65	64 - 120
158,0	158	60	165	4,6	70	70 - 145
230,0	230	125	220	4,0	110	140 - 200
310,0	310	120	220	7,0	130	140 - 280
Extended length end cap						
-L 012,0	12	4	58	2,3	15	4 - 8
-L 020,0	20	8	75	2,5	25	8 - 16
-L 040,0	40	15	120	3,3	45	16 - 35
-L 055,0	55	25	170	3,5	55	25 - 47
-L 063,0	63	25	125	3,5	45	25 - 55
-L 075,0	75	35	180	4,0	65	35 - 68
-L 100,0	100	45	200	4,0	70	45 - 90
-L 120,0	120	45	160	4,0	65	45 - 110

• a : as supplied / b : after free recovery

Property

Property	Values	Test Methods
Physical Working temperature	-40°C to +110°C	-
Tensile strength	> 12 Mpa	ASTM D 638
Elongation at break	Unaged > 350%	ASTM D 638
Tensile strength	Aged > 11 Mpa	ASTM D 638
Elongation at break after aging	500h @ 120°C > 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

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



We certify that the values provided are as accurate as possible. Use of these values, however, remains the sole responsibility of the customer and cannot in any way substitute for testing the product under real conditions of use. The user must assess whether this product is suitable for a particular use. GREMTEK shall not be held responsible for any loss or anomaly resulting from the correct or incorrect use of this product.