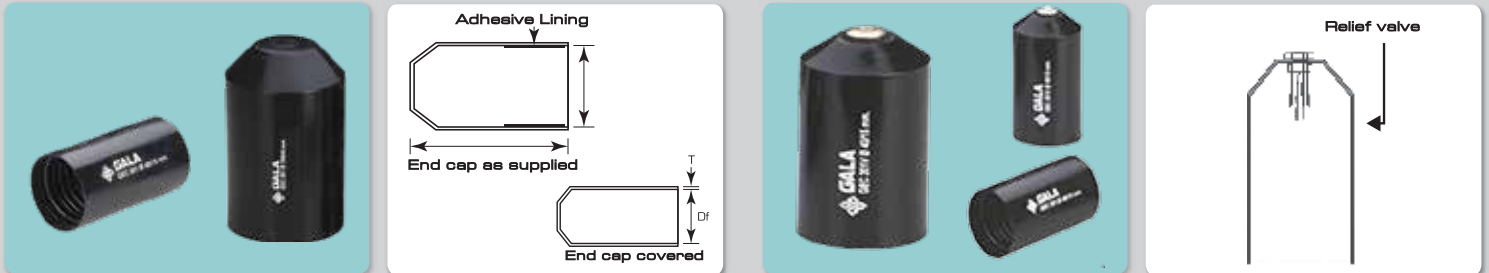


CABLE END CAPS CABLE END SEALING CAP - INSULCAP

Insulcap is used to seal the ends of all types of Heat shrink cable end caps to protect from ingress of water/moisture. Compatible with most commonly used cable jackets i.e. XLPE, PVC, PILC or rubber sheathed cable. Hot Melt adhesive lining provides permanent seal on irregular cable sheaths. Excellent resistance to weathering, moisture, contamination and adverse environmental conditions.



- Permanent seal on end cap after shrinking, thereby avoiding claims in case of pilferage of cable length.
- Valved end caps (V) available for pressurized application for telecom cables.
- Special relief valved end caps (RV) available for degassing application in high voltage power cables.
- Live end cap kit available for sealing live cables.
- Conductive end caps are available with conductive mastic.

TECHNICAL SPECIFICATION

PROPERTIES	VALUE	STANDARD
PHYSICAL		
Tensile Strength	12 N/mm ² (Mpa) (min.)	ASTM D 638
Ultimate Elongation	350 % (min)	ASTM D 638
Density	1.05 ± 0.2 gm/cm ³	ASTM D 792
Hardness	45 ± 10 shore D	ASTM D 2240
Water Absorption	0.2 % (max.)	ASTM D 570
THERMAL		
Accelerated ageing	(120 °C for 500 hrs.)	ASTM D 2671
Tensile strength	11 N/mm ² (Mpa) (min.)	ASTM D 638
Ultimate elongation	300 % (min)	ASTM D 638
Low temperature flexibility (-40 °C for 4 Hrs.)	No Cracking	ASTM D 2671
Heat shock (250 °C for 30 Min.)	No Cracking or flowing	ESI 09-11
Shrink temperature	125 °C	IEC 216
Continuous temperature limit	-40 to +100 °C	IEC 216
ELECTRICAL		
Dielectric strength	12 KV/mm. (min)	ASTM D 149
Volume resistivity	1 x 10 ¹⁴ Ohm. cm (min)	ASTM D 257
Dielectric constant	5 (max)	ASTM D 150

SELECTION CHART

CODE	D _s (min)	D _f (max)	L _s (min)	T _f +10%	CABLE RANGE
GEC 001S	6	2	25	2.0	2 - 4
GEC 001	12	4	40	2.3	4 - 8
GEC 001L	12	4	58	2.3	4 - 8
GEC 001 A	14	4	38	2.3	4 - 11
GEC 001 AL	14	4	58	2.3	4 - 11
GEC 101	20	7.5	55	2.3	8 - 16
GEC 101 L	20	8	75	2.5	8 - 16
GEC 101 A	25	8	55	2.3	8 - 20
GEC 101 AL	25	8	75	2.5	8 - 20
GEC 102	30	11	75	2.5	12 - 26
GEC 102 A	35	11	75	2.5	12 - 30
GEC 201	40	15	90	3.3	16 - 35
GEC 201 L	40	15	120	3.3	16 - 35
GEC 201 A	45	15	90	3.3	16 - 40
GEC 201 AL	45	15	120	3.3	16 - 40
GEC 301	55	25	125	3.8	25 - 47
GEC 301 L	55	25	170	3.8	25 - 47
GEC 301 A	63	25	125	3.8	25 - 55
GEC 301 AL	63	25	170	3.8	25 - 55
GEC 401	75	35	140	4.0	35 - 68
GEC 401 L	75	35	180	4.0	35 - 68
GEC 401 A	85	36	140	4.0	35 - 68
GEC 401 AL	85	35	180	4.0	36 - 78
GEC 501	100	45	160	4.0	36 - 78
GEC 501 L	100	45	200	4.0	45 - 90
GEC 501 A	120	45	160	4.0	45 - 90
GEC 501 AL	120	45	200	4.0	45 - 110
GEC 601	130	60	155	4.6	64 - 120
GEC 601 L *	130	65	300	4.6	67 - 120
GEC 701	154	60	165	4.6	70 - 145
GEC 701 L *	160	65	300	4.5	70 - 145
GEC 801 S*	190	125	220	4.0	140 - 165
GEC 801*	230	125	220	4.0	140 - 200
GEC 901*	310	120	220	7.0	140 - 280
GEC 1001*	400	204	220	6.0	230 - 360
GEC 1101*	500	200	220	6.0	230 - 460