

HEAT SHRINK CABLE END CAP



Heat Shrink Cable End Caps are used to seal the ends of all types of Cables & protect from ingress of water/moisture. The caps are manufactured from high quality cross linked polyolefin material.

Compatible with most commonly used Cable Jackets i.e. XLPE, PVC, PILC or Rubber Sheathed Cable.

Hot Melt adhesive lining provides seal on irregular cable sheaths.

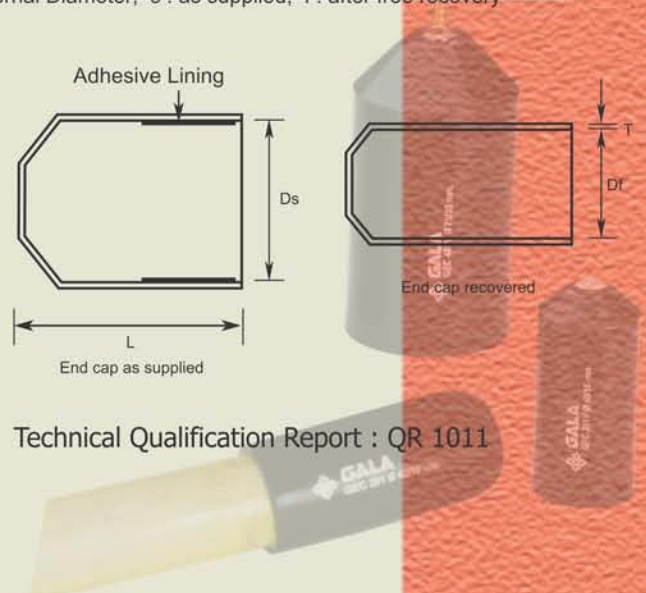
Excellent resistance to weathering, moisture, contamination and adverse environmental conditions.

- 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.
- High voltage (non tracking) End Caps available for sealing live parts.
- Conductive End Caps are available with Conductive mastic.
- Live End Cap Kit available for Sealing live Cables.
- Customised dimensions of End Caps available on request.

Selection Chart					All dimensions are in mm
CODE NO.	Ds (Min.)	Df (Max.)	Ls (Min.)	Tf(±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	36 - 78
GEC 401 AL*	85	35	180	4.0	36 - 78
GEC 501	100	45	160	4.0	45 - 90
GEC 501 L	100	45	200	4.0	45 - 90
GEC 501 A*	120	45	160	4.0	45 - 110
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	4.0	230 - 360
GEC 1101*	500	200	220	6.0	230 - 460

* New sizes D : Internal Diameter; s : as supplied; f : after free recovery

Technical Specification		
PROPERTIES	VALUE	STANDARD
Physical		
Tensile Strength	12 N/mm ² (Mpa) (min.)	ASTM D638
Ultimate Elongation	350 % (min)	ASTM D638
Density	1.05± 0.2 gm/cm ³	ASTM D792
Hardness	45 ±10 Shore D	ASTM D2240
Water absorption	0.2 % (max.)	ASTM D570
Thermal		
Accelerated ageing	(120°C for 500 hrs)	ASTM D2671
Tensile Strength	11 N/mm ² (Mpa) (min.)	ASTM D638
Ultimate Elongation	300 % (min.)	ASTM D638
Low Temperature Flexibility	No Cracking	ASTM D2671
(-40°C for 4 hrs.)		
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 D149
Volume Resistivity	1 x 10 ¹⁴ Ohm.cm (min)	ASTM D257
Dielectric constant	5 (max.)	ASTM D150



Technical Qualification Report : QR 1011