



These Heat Shrink End Caps with Cable Pulling Eye for Telephone and Power cable are the ultimate solution in cable pulling eyes. These caps with pulling eye form a connection as strong as the cable itself. The entire cable, jacket and conductor, is used which reduces the risk of cable deformation during pulling. When properly installed, Heat Shrink End Caps with Cable Pulling Eye are virtually impossible to pull off and also seal the cable against both water and moisture intrusion. Typically factory installed, the pulling eyes can also be field installed with a propane (preferred) or butane gas torch.

❖ Features / Benefits:

- Min. Pulling Force 1400 N
- Dual application: 100% sealing & pulling cable
- Most economical compare to other pulling eyes
- No special tools or crimpers required
- Reduces the risk of cable deformation during pulling
- Single inventory
- Capacity to withstand the temperature upto 65°C

Technical Specification

PROPERTIES	VALUE	STANDARD
Physical		
Tensile Strength	15 N/mm ² (Mpa) (min.)	ASTM D638
Ultimate Elongation	400 % (min)	ASTM D638
Density	0.96± 0.1 gm/cm ³	ASTM D792
Hardness	55 ±10 Shore D	ASTM D2240
Water absorption	0.2 % (max.)	ASTM D570
Thermal		
Accelerated ageing	(120°C for 500 hrs)	ASTM D2671
Tensile Strength	13 N/mm ² (Mpa) (min.)	ASTM D638
Ultimate Elongation	350 % (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

Selection Chart

Code No.	Ds (Min.)	Df (Max.)	Ls (Min.)	Tf (±10%)	Pulling Strength (Min.)	Cable Range
GEC 301L-PE	55	25	170	3.5	1400 N	28 - 38
GEC 401L-PE	75	35	180	4.0	2400 N	38 - 52
GEC 501L-PE	100	45	200	4.0	2900 N	50 - 70
GEC 601L-PE	130	65	300	4.6	3900 N	65 - 91
GEC 701L-PE	160	65	300	4.5	4400 N	80 - 112

All dimensions are in mm

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

