Heat Shrink End Cap with Pressure Valve

SHRINKABLE | RoHS | REACH Compliance

GALA®
Innovative Insulating Solutions

Heat Shrink End Caps with Pressure Valve are used for sealing the ends of Telecommunication cables which is always pressurized. The caps are manufactured from High quality Cross-linked Rigid Polyolefin material with special adhesive to withstand the constant high pressure upto 2 bar and high temperature upto 70°C.

The function of the Pressure Valve is to allow pressure to apply internally to the cable; thereby helping to create a resistant seal to atmospheric conditions.

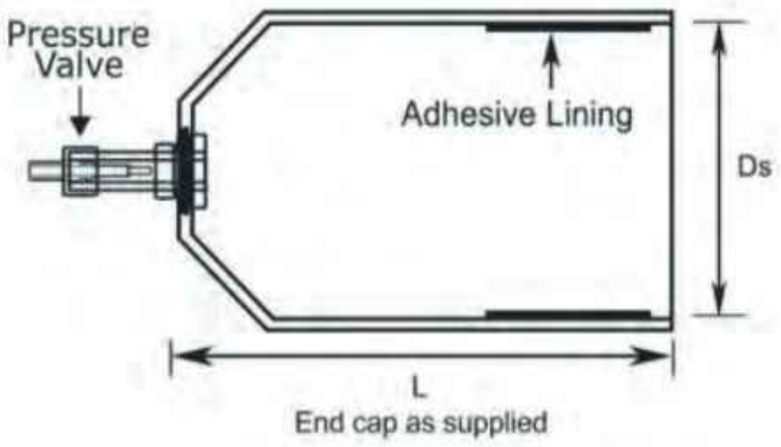
❖ Features / Benefits:

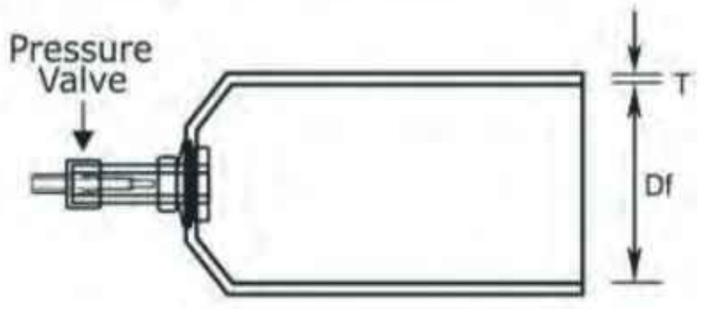
- Compatible with most commonly used Cable Jackets i.e. XLPE, PVC, PILC or Rubber Sheathed Cable.
- Hot Melt adhesive lining provides permanent seal on irregular cable sheaths.
- An excellent resistance to weathering, moisture, contamination and adverse environmental conditions, according to IP 68 (Ingress Protection).

Selection Chart All dimensions are in mm

Code No.	Ds (Min.)	Df (Max.)	Ls (Min.)	Tf (±10%)	Cable Range
GEC-H 102 V	30	11	75	2.5	13 - 26
GEC-H 201 V	40	15	90	3.3	17 - 35
GEC-H 301 V	55	25	125	3.5	30 - 47
GEC-H 401 V	75	35	140	4.0	42 - 68
GEC-H 501 V	100	45	160	4.0	55 - 90
GEC-H 601 V	130	60	160	4.6	75 - 120

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





End cap recovered

Technical Specification

PROPERTIES	VALUE	STANDARD
Physical		
Tensile Strength	15 N/mm² (Mpa) (min.)	ASTM D638
Ultimate Elongation	400 % (min)	ASTM D638
Density	0.96± 0.1 gm/cm³	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/mm² (Mpa) (min.)	ASTM D638
Ultimate Elongation	350 % (min.)	ASTM D638
Low Temperature Flexibility (-40°C for 4 hrs.)	No Cracking	ASTM D2671
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

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An ISO 9001, ISO 14001 & ISO 45001:2018 Certified Company

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Issue 2 | Jan. 2024