Heat Shrinkable Gland

GALA®
Innovative Insulating Solutions

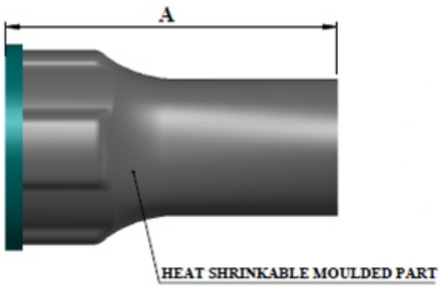
Gala Heat Shrinkable Glands (GHSG) provides a watertight and fume-tight seal where cables enter Connection Boxes, Bulkheads, or other Enclosures.
The standard GHSG for thin-wall enclosures consists of a three-part assembly:
1. A Rigid Nylon Nut 2. An O-ring 3. A Heat Shrinkable Moulded Part.
All GHSGs supplied with factory-applied Hot melt adhesive which provides the seal to wire and cable jackets.

Features & Benefits:

- Excellent Strain relief
- Provides Cable Entry Sealing.
- Combination of Nylon Nut and Heat Shrinkable Cross-linked Polyolefin.
- Rated to 600 Volts.
- Pressure sealing upto 25 psi.

Selection Chart

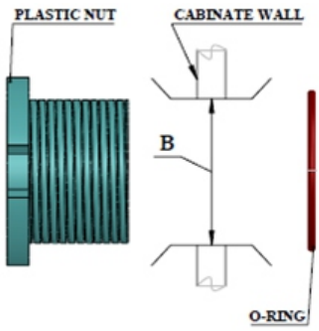
Gala Code	A (mm)	B (mm)	Supplied ID (mm) (Min.)	Recovered ID (mm) (Max.)	Cable Diameter Range (mm)
GHSG-1	70	25	13	4.3	5 - 10
GHSG-2	70	25	19	5.5	6 - 17
GHSG-3	95	35	29	12.5	14 - 25
GHSG-4	116	51	39	19.0	20 - 37
GHSG-5	178	89	70	35.5	37 - 67



Technical Specification

Properties	Value	Standard
Physical		
Tensile Strength	12 N/mm^2 (Mpa) (min.)	ASTM D638
Ultimate Elongation	350 % (min.)	ASTM D638
Density	1.0± 0.2 gm/cm^3	ASTM D792
Longitudinal Change	-10% (max.)	ASTM D2671
Hardness	45 ±10 Shore D	ASTM D2240
Water absorption	0.5 % (max.)	ASTM D570
Thermal		
Accelerated ageing	(150^{0}C for 168 hrs.)	ASTM D2671
Tensile Strength	12 N/mm^2 (Mpa) (min.)	ASTM D638
Ultimate Elongation	300 % (min.)	ASTM D638
Low Temperature Flexibility (-40^{0}C for 4 hrs.)	No Cracking	ASTM D2671
Heat Shock (250^{0}C for 30 min.)	No cracking or flowing	ESI 09-11
Shrink Temperature	125^{0}C	IEC 216
Continuous Temperature Limit	-40 to +110^{0}C	IEC 216
Electrical		
Di-electric Strength (2mm Wall)	12 kV/mm.(min)	ASTM D149
Volume Resistivity	1 x 10^{12} Ohm.cm (min)	ASTM D257
Dielectric constant	5 (max.)	ASTM D150

Weathering: The material from which Medium and Heavy wall tubings are manufactured contains carbon black to protect it from UV light.



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

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