

GLASS LINED VESSEL GASKETS



J A Harrison & Co
Alliance & Heatshield Engineering



STANDARD GLVG

- 2 x Multi-Seal Inserts.
- 1 x Stainless Steel corrugated insert.
- 1 x Slit PTFE Envelope with 0.5mm wall thickness.

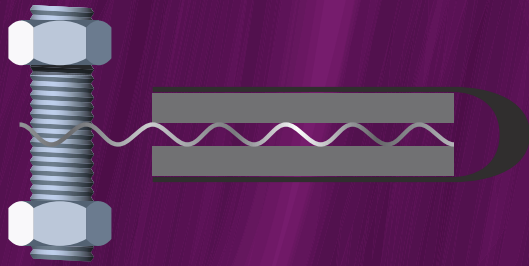
This is a general purpose GLVG and is an affordable alternative to the Bull Nose GLVG.



BULL NOSE GLVG

- 2 x Multi-Seal Inserts.
- 1 x Stainless Steel corrugated insert.
- 1 x Bull Nose PTFE or Modified PTFE Envelope with 3mm Diffusion Stop and 0.5mm wall thickness.

An excellent general purpose GLVG
Modified PTFE has lower deformation under load.



ANTI-STATIC GLVG

- 2 x Flexible Graphite Inserts c/w earthing tab.
- 1 x Stainless Steel corrugated insert.
- 1 x Conductive Bull Nose PTFE Envelope with 0.5mm wall thickness.

Used on vessels to help reduce static electricity caused by friction between immiscible and free falling liquids.



FULLY ENCLOSED GLVG

- 2 x Multi-Seal Inserts.
- 1 x Stainless Steel corrugated insert.
- 2 x Bull Nose PTFE Envelopes with 0.5mm wall thickness to fully enclose the gasket material.

An excellent GLVG for use on Glass Lined Stainless Steel Pharmaceutical reactors. The multi-seal is fully enclosed so the fibres are not exposed. This is used when the outside of the gasket requires protection from liquids.



BROMINE GLVG

- 2 x PTFE Infused Gasket Material.
- 1 x Nickel 201 Corrugated Insert.
- 1 x Modified PTFE Bull Nose Envelope with 1mm wall thickness.

Specially designed for service where chemicals such as Bromine, Chlorine or Iodine are present.



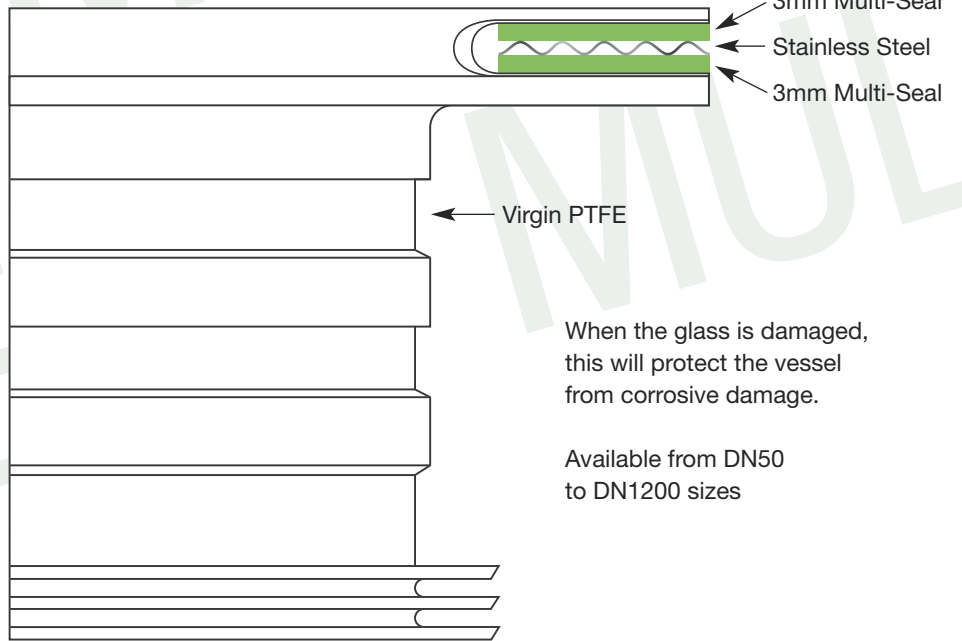
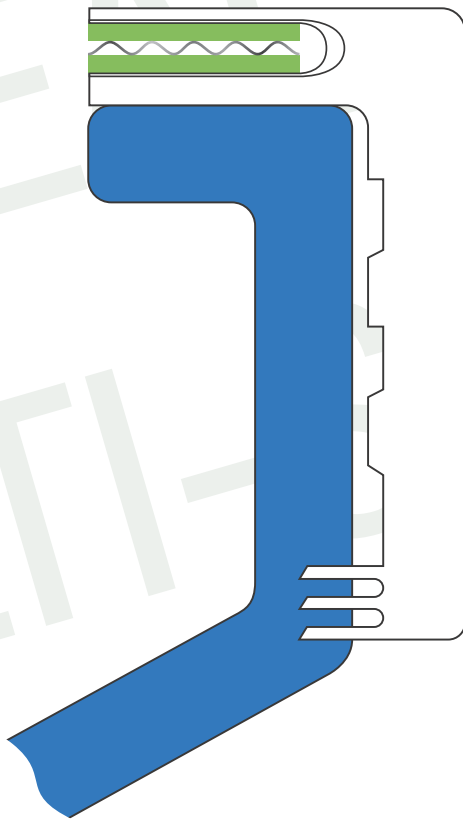
SINGLE INSERT GLVG

- 1 x 3mm Multi-Seal Insert.
- 1 x Square Milled PTFE Envelope c/w 0.5mm walls.

Used mainly on pipelines.



PROTECTION SLEEVES



"J.A. Harrison's GLVG's are used on 3V glass lined equipment."

Fernando Cubero, Sales & Marketing Director, 3V Tech



"The service and quality from J.A. Harrison help MPS Reactors provide an excellent service to the Chemical and Pharmaceutical industry."

Peter Storey, MPS Reactors

Description

Multi-Seal is a highly compressible, chemically resistant gasket material that is utilised as a filler material in PTFE envelopes and metal-jacketed gaskets. It is intended for applications with maximum continuous operating temperatures up to 260°C (500°F).

Property	Specification	Method
Density, g/cc(lb/cu.ft)	0.565 - 0.665 (35.3 - 41.5)	ASTM F 1315
Compressibility, % (at 34.5MPa)	30 - 50	ASTM F 36
Recovery, %	15 (min.)	ASTM F36
Tensile Strength, AMD, MPa (psi)	2.76 (400)	ASTM F 152

Remarks and Related Documents:

Specification values are determined by the test methods required for ASTM F-104, Type 7 materials



Multi-Seal

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