



# Vulcan Seals Type VG1L

## Technical Data Sheet



### Product Description

The **Vulcan Seals Type VG1L** is an alternative packing for light duties. Equipped with inter-braided from continuous filament, textured air-blown glass fibres thoroughly impregnated with mineral oil lubricants and graphite. A dressing and corrosion inhibitor is further applied to the yarn to improve wear resistance.

The **\*\*Vulcan Seals Type VG1L \*\***will handle non-mechanically demanding plant applications whilst requiring low gland pressure to seal, reducing shaft wear and gland maintenance.

**Vulcan Seals Type VG1L** for general plant service, at elevated temperatures, only if Carbon or Graphite fibres are not required. Glass fibres offer exceptional temperature resistance but are relatively low in strength. Up to 480°F (250°C), use Vulcan Seals Type VG2 for superior performance or Vulcan Seals Type VK1L where higher mechanical load or very abrasive conditions exist. At higher temperatures, Vulcan Seals Type VC5 or Vulcan Seals Type VG4 are preferred.

### Why Choose the Vulcan Seals Type VG1L?

- Thoroughly impregnated with Mineral Oil lubricants and Graphite
- Suited to general-purpose packing for rotary and reciprocating pumps, mixers, and valves.
- Reduces Shaft wear and gland maintenance

### Suitable Applications

For pumps (rotary and reciprocating) and valves, including high pressure or high mechanical loading conditions, against abrasive slurries, sewage, effluents, water, oils, solvents, and most chemicals.

### Operating Limits

Pressure Rating	Rotary Speed	Temperature	pH Range
150 bar	10 M/S	-100°C to +480°C	4 - 11

### Gland Packing Replacement Range

The Vulcan Seals Type VG1L is a dimensional replacement for the following gland packing ranges:

- AESSEAL® | 415
  - James Walker® | Fortuna XA
  - John Crane® | 1066 AR
  - Teadit® | 27 G
- Burgmann® | 3417
  - James Walker® | Supeta XA
  - Klinger® | 4310
  - Teadit® | 8300
- Flexitalic® | 774 L
  - John Crane® | 287 I
  - Texpack® | 4118

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