



Vulcan Seals Type VR4

Technical Data Sheet



Product Description

The **Vulcan Seals Type VR4** combines and maximizes the performance of Expanded Graphite and Graphite fibres. Expanded Graphite is the ultimate valve sealing material, but it may extrude or deteriorate, in more mechanically demanding rotary applications. The addition of Pan Graphite fibres adds strength and increases heat dissipation, which further enhances the packing’s life and performance.

The **Vulcan Seals Type VR4** is square inter-braided, with the Pan Graphite fibres running from the core to the corner posts, to give dimensional stability and to resist extrusion. The Expanded Graphite fibres are braided to the packing surfaces, to enhance smooth running and sealing performance.

Vulcan Seals Type VR4 is the Expanded Graphite packing of choice for use in rotary applications. Shaft wear and gland maintenance are virtually eliminated, as the packing is self-lubricating and includes passive corrosion inhibitors.

Why Choose the Vulcan Seals Type VR4?

- Virtually eliminates shaft wear and gland maintenance
- Maximum capabilities, rotary Gland Packing, for an extreme range of duties
- High chemical and temperature resistance

Suitable Applications

Maximum capability, rotary gland packing, for an extreme range of duties, against virtually all chemicals and temperature conditions.

Operating Limits

Pressure Rating	Rotary Speed	Temperature	pH Range
300 bar	30 M/S	-100°C to +650°C (Inert ATM) -100°C to +450°C (In Air)	0 - 14

Gland Packing Replacement Range

The Vulcan Seals Type VR4 is a dimensional replacement for the following gland packing ranges:

- AESSEAL® | 340
 - Flexitalic® | 305
 - Utex® | 687
- AESSEAL® | 345
 - Texpack® | 4170
- Chesterton® | 1400R
 - Texpack® | 4180

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