



Vulcan Seals Type VR2
Technical Data Sheet



Product Description

The **Vulcan Seals Type VR2** die-formed are produced by compressing an exact amount of Grafan ribbon tape in precision metal moulds. The result gives uniform quality, dense, smooth finish, close tolerance, and die-formed rings. A large range of Grafan rings are available ex-stock. ****Vulcan Seals Type VR2 ****die-formed rings are supplied just to size for ease of fitting. When energised in the gland, the rings compress to give a perfect leak-free seal on valves. It is well proven that valves packed with these materials have been in service for years, leak-free without maintenance, where previous braided packing has failed within weeks or months.

Operating Limits

Pressure Rating	Rotary Speed	Temperature	pH Range
200 bar	30 M/S	-200°C to +3000°C (Non Oxi) -200°C to +600°C (In Air)	0 -14 (Except in Strong Oxidisers)

Gland Packing Replacement Range

The Vulcan Seals Type VR2 is a dimensional replacement for the following gland packing ranges:

- AESSEAL® | 360
 - Depac® | 701
 - John Crane® | K 10
 - Palmetto® | Pinnacle
 - Tombo® | 2220 Graseal
- Apollo® | 401 R
 - James Walker® | 505 Ring
 - John Crane® | K 20
 - Robco® | Thermo Graf
- Burgmann® | 4045
 - Garlock® | Graph-Lock
 - Merkel® | 650
 - Sepco® | GSP

Why Choose the Vulcan Seals Type VR2?

- Long service life, without leak or maintenance
- Designed for extreme conditions, high temperatures, high pressure and high-speed applications
- Suitable for use in pumps, valves, agitators, expansion joints, ball valve seats, and other static seals

Suitable Applications

Extreme condition, long life, and zero leakage packing for all uses, up to high temperature, high pressure, high-speed applications on pumps, valves, mixers, agitators, expansion joints, ball valve seats, and other static seals. Types VR1 and VR31 are designed for use in static applications only. Against all acids, alkalis, and solvents (except very strong oxidants), gases, feed water, and superheated, or saturated steam.

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