



Vulcan Seals Type VR31

Technical Data Sheet



Product Description

The **Vulcan Seals Type VR31** braided packing is constructed from 100% Grafan yarns, to form truly exceptional capabilities and performance, pure Expanded Graphite packing. The **Vulcan Seals Type VR31** is additionally reinforced with Inconel wire to create the ideal packing for high-temperature, high-pressure valves.

Under compression in the gland, **Vulcan Seals Type VR31** die-forms into packing rings like Vulcan Seals Type VR2, whilst offering the advantage of avoiding the need to laboriously wrap Vulcan Seals Type VR1 ribbon tape around valve stems or the cost of an inventory of many sizes of individual Vulcan Seals Type VR2 die-formed rings.

The **Vulcan Seals Type VR31** can be merely cut to length and spiraled into the gland. There is no need for individual cut rings, as is the case with conventional braided packing. Grafan is self-lubricating and will not shrink, harden, or dry out in use.

Operating Limits

Pressure Rating	Rotary Speed	Temperature	pH Range
360 bar	1 M/S	-200°C to +3000°C (Inert ATM) -200°C to +600°C (In Air)	0 - 14

Gland Packing Replacement Range

The Vulcan Seals Type VR31 is a dimensional replacement for the following gland packing ranges:

- AESSEAL® | 4140
 - American Branding® | 5000I
 - Chesterton® | 1600
 - Latty® | 6940
 - Texpack® | 4140
 - Teadit® | 2235
 - Tombo® | 2280
 - Utex® | 683
 - Utex® | 689
- AESSEAL® | 4169
 - Chemstar® | 1100I
 - Flexitalic® | 306
 - Palmetto® | 5000W
 - Texpack® | 4169
 - Teadit® | 4090
 - Universal® | 7110G2
 - Utex® | 684
 - Utex® | 691
- AESSEAL® | 4183
 - Chemstar® | 1100TCP
 - Garlock® | 1303
 - Pillar® | 6710
 - Texpack® | 4183
 - Teadit® | 4090I
 - Utex® | 227
 - Utex® | 685

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