



Vulcan Seals Type VC5

Technical Data Sheet



Product Description

The **Vulcan Seals Type VC5** is square-braided from high-quality Carbon yarns impregnated with pure Graphite, special high-temperature lubricants, and Molybdenum Disulphide. The Carbon yarns are densely braided to provide a near-frictionless, self-lubricating seal.

Graphite powder provides non-migrating lubrication between the packing and the shaft. The non-glazing, high-temperature lubricant protects during the packing break-in period. The addition of Molybdenum Disulphide gives high temperature and high-pressure lubrication with shaft wear protection even when contact pressures between packing and shaft are excessive.

The **Vulcan Seals Type VC5** Carbon fibre packing is swift to break in because of its low friction lubricant-intensive constituents and these characteristics allow for its extended life in arduous duties.

****Vulcan Seals Type VC5 ****can be used in services where many other lubricated fibre packing types fail, due to migration or loss of lubrication and consequent fibre burning, hardening, or glazing. Type VC51 is reinforced with Inconel wire for high-pressure static Applications up to 350 bar to give exceptional capability, performance, and lasting valve packing for use up to 1 m/s.

Why Choose the Vulcan Seals Type VC5?

- Impregnated with pure Graphite, high-temperature lubricants, and Molybdenum Disulphide
- Extended life in arduous duties
- Ideal for rotary duties, and multi-service packing particularly for boiler feed applications

Suitable Applications

The ****Vulcan Seals Type VC5**** is ideal as a rotary duty, multi-service packing particularly for boiler feed applications.

Operating Limits

Pressure Rating	Rotary Speed	Temperature	pH Range
200 bar	15 M/S	-200°C to +600°C	3 - 12

Gland Packing Replacement Range

The Vulcan Seals Type VC5 is a dimensional replacement for the following gland packing ranges:

- AESSEAL® | 330
 - Apollo® | 2200
 - Chemstar® | 398
 - Chemstar® | 3165
 - Flexitalic® | 304
 - Pillar® | 6433
 - Teadit® | 4002
 - Utex® | 609
- American Branding® | 3000G
 - Burgmann® | 4020
 - Chemstar® | 1398
 - Depac® | 740
 - Garlock® | 98
 - Sepco® | ML 3333
 - Tombo® | 9044
- American Branding® | 4000G
 - Chemstar® | 90
 - Chemstar® | 1430
 - Drew® | 600
 - Palmetto® | 1585
 - Texpack® | 4135
 - Utex® | 230

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