



# Vulcan Seals Type VK5

## Technical Data Sheet



### Product Description

The **Vulcan Seals Type VK5** combines the benefits of the remarkable properties of two outstanding Gland Packing fibres, G1 has the best combination of features of any packing fibre but it may extrude or deteriorate in high mechanical loading conditions. The addition of DuPont’s KEVLAR® adds steel-like strength.

The **Vulcan Seals Type VK5** G1 KEVLAR® combi-packing is square inter-braided to add the strength of KEVLAR® where it is most needed on the corner posts for dimensional stability and to resist extrusion. The G1 yarns are braided to the packing surfaces to enhance smooth running and sealing capability.

**Vulcan Seals Type VK5** is the packing of choice for extended life in high-pressure or mechanical load conditions, particularly on worn or large-tolerance equipment and in the most demanding chemical environments. Shaft wear is virtually eliminated, and high speeds and aggressive chemicals can be handled, because of the presence of G1 on sealing faces. Extrusion and gland maintenance are negligible, even in the most arduous of applications, due to the interlocked braiding of KEVLAR®.

### Why Choose the Vulcan Seals Type VK5?

- Virtually eliminates Shaft wear
- Long-lasting and high-performance sealing
- Near universal packing, for use in all rotary, reciprocating, and static gland applications
- Negligible extrusions and Gland maintenance, even in the most arduous of applications

### Suitable Applications

The **\*\*Vulcan Seals Type VK5\*\*** combines mechanical strength with surface lubricity to give a long-lasting, high-performance sealing, near-universal packing, for use in all rotary, reciprocating, and static gland applications.

### Operating Limits

Pressure Rating	Rotary Speed	Temperature	pH Range
250 bar	25 M/S	-150°C to +280°C	0 - 14

### Gland Packing Replacement Range

The Vulcan Seals Type VK5 is a dimensional replacement for the following gland packing ranges:

- AESSEAL® | 270
  - Burgmann® | 3394
  - Burgmann® | 6430 KS
  - Depac® | 722
  - James Walker® | Hornet
  - John Crane® | 1993
  - Merkel® | 6216
  - Sepco® | ML 4004
  - Texpack® | 4167
  - Utex® | 214
- AESSEAL® | 274
  - Burgmann® | 5035
  - Chemstar (UAS)® | 165-K
  - Flexitalic® | 801
  - I.M.P.® | 4790
  - Latty® | 4757
  - Palmetto® | 1359
  - Texpack® | 4154
  - Teabit® | 2017
  - Utex® | 216
- American Branding® | 8000TK
  - Burgmann® | 5040
  - Crane® | C1064
  - James Walker® | 131
  - I.M.P.® | 4757
  - Merkel® | 6211
  - Pillar® | 4529
  - Texpack® | 4155
  - Teabit® | 5004
  - Utex® | 225

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