



Vulcan Seals Type VK4B

Technical Data Sheet



Product Description

Vulcan Seals Type VK4B is an interlaced, square braid packing manufactured from KEVLAR® Aramid fibres impregnated with PTFE dispersion and specially treated with high-temperature break-in lubricant. KEVLAR® offers a unique combination of extremely high tensile strength, lasting resilience, low thermal expansion, low coefficient of friction, and wide chemical resistance.

Vulcan Seals Type VK4B Kevlar® gold fibre packing is a true multi-service packing that is well suited to the needs of many industries, particularly where physical strength in packing is required. The strength of KEVLAR® is ideal for use as anti-extrusion, abrasion-resistant, backup rings, with other packing types, to increase the life of any packing combination.

Operating Limits

Pressure Rating	Rotary Speed	Temperature	pH Range
400 bar	15 M/S	-100°C to +280°C	1 - 13

Gland Packing Replacement Range

The Vulcan Seals Type VK4B is a dimensional replacement for the following gland packing ranges:

- AESSEAL® | 210
 - Burgmann® | 5010
 - Chemstar (USA)® | 170
 - Flexitalic® | 2002
 - I.M.P.® | 35
 - Latty® | 4788
 - Robco® | 4029
 - Utex® | 213
- American Branding® | 300
 - Burgmann® | 6426
 - Depac® | 720
 - James Walker® | 130
 - John Crane® | 2001
 - Markel® | 6210
 - Teadit® | 25
 - Utex® | 240
- Burgmann® | 3392
 - Burgmann® | Araflon
 - Flexitalic® | 2001
 - James Walker® | Duramid
 - Klinger® | 25
 - Pillar® | 4527
 - Teadit® | 5000

Why Choose the Vulcan Seals Type VK4B?

- Impregnated with PTFE dispersion
- Suitable for Pumps (rotary and reciprocating) and valves, including high-pressure or high mechanical loading conditions
- Superior lubrication leads to less wear and higher shaft speed capability

Suitable Applications

For pumps (rotary and reciprocating) and valves, including high pressure or high mechanical loading conditions, against abrasive slurries, sewage, effluents, water, oils, solvents, and most chemicals. The non-staining superior lubrication of our ****Vulcan Seals Type VK4B ****means less wear and a higher shaft speed capability than some other KEVLAR® packing types. Suitable for use in the paper industry.

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