



# Vulcan Seals Type VK4T

## Technical Data Sheet



### Product Description

The **Vulcan Seals Type VK4T** combines the physical strength of KEVLAR® with the sealing properties of TEFLON fibres. The packing is further lubricated yarn by yarn with PTFE dispersion and inert lubricants. **Vulcan Seals Type VK4T**, KEVLAR®, and PTFE fibre packing, are square inter-braided to maximise the benefits of these two remarkable fibres.

KEVLAR® fibres are specially braided from the core to the corner posts for dimensional stability and to take maximum advantage, within the packing construction, of the yarn's steel-like strength. The TEFLON yarns are braided to the packing surfaces to enhance sealing capability.

### Operating Limits

Pressure Rating	Rotary Speed	Temperature	pH Range
250 bar	15 M/S	-100°C to +280°C	1 - 14

### Gland Packing Replacement Range

The Vulcan Seals Type VK4T is a dimensional replacement for the following gland packing ranges:

- AESSEAL® | 260
  - Chemstar® | 1152K
  - Garlock® | 8921-K
  - Latty® | 4758
  - Sepco® | ML 2225A
  - Teadit® | 2003
  - Utex® | 217
- American Branding® | 3000TK
  - Depac® | 721
  - Garlock® | 8921
  - Palmetto® | 1340
  - Texpack® | 4146
  - Teadit® | 5001
  - Utex® | 241
- Burgmann® | 3420 Crane® | C1061
  - Flexitalic® | 802
  - John Crane® | 75 AR
  - Palmetto® | 1364
  - Texpack® | 4163
  - Utex® | 215

### Why Choose the Vulcan Seals Type VK4T?

- 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 VK4T** combines low-friction, complete pH range chemical resistance with high mechanical and dimensional strength. A wide-ranging packing, for specification especially in high-pressure conditions in chemical or abrasive applications, where alternative single fibre packings may extrude or cause significant shaft wear. The construction and materials of **Vulcan Seals Type VK4T** make this packing ideal for piston sealing on reciprocating, chemical, slurry, and high-pressure pumps.

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