



Vulcan Seals Type VM5

Technical Data Sheet



Product Description

The **Vulcan Seals Type VM5** is a universal paper mill and sugar mill packing, made of a unique Aramidic composite fibre. This special fibre combines an exceptionally high tensile strength (27,000 Kg/cm2), outstanding heat resistance, linked to low friction, and excellent cool running properties.

This is a strong thermoset fibre packing but it is also extremely soft, assisted by our exclusive, three-stage lubrication process. The low-friction factor reduces abrasion to up to one-tenth of Aramidic fibres, giving high reliability and life, even in the most demanding of applications. VM5 is heat resistant and will not glaze, like usual paper mills and PTFE packings, even at high-speed shafts.

The **Vulcan Seals Type VM5** is a very similar product to Vulcan Seals Type VM1 in a more economical form. It will provide the same service but care must be taken not to over-tighten the gland nor starve the packing of product or flush lubrication.

Why Choose the Vulcan Seals Type VM5?

- Easy to cut and install, fast to break in and low susceptibility to adverse conditions
- Suitable for universal paper mill, sugar mill, and demanding applications
- Provides exceptionally high tensile strength and outstanding heat resistance

Suitable Applications

Universal paper mill, sugar mill, and demanding application packing, that is white non-staining, with excellent chemical resistance, and is suitable for Kraft processes. Easy to cut and install, fast to break in, and with low susceptibility to adverse conditions, at installation or in-use.

Operating Limits

Pressure Rating	Rotary Speed	Temperature	pH Range
130 bar	20 M/S	-50°C to +250°C	2 - 12

Gland Packing Replacement Range

The Vulcan Seals Type VM5 is a dimensional replacement for the following gland packing ranges:

- American Branding® | 320
 - Crane® | K1761
 - Palmetto® | 1371
 - Sepco® | ML 4700
 - Teabit® | 2030
 - Utex® | 235
- Chemstar® | 1190
 - Garlock® | 1812
 - Palmetto® | 1392
 - Sepco® | ML 6225
 - Universal® | 7538
 - Utex® | 248
- Crane® | K1760
 - Palmetto® | 1367C
 - Sepco® | ML 2240
 - Texpack® | 4164
 - Utex® | 234

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