



# Vulcan Seals Type VM1

## Technical Data Sheet



### Product Description

The **Vulcan Seals Type VM1** 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 of 380,000 psi (27,000 kg/cm<sup>2</sup>), 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 by up to a tenth compared to Aramidic fibres, giving high reliability and life, even in the most demanding of applications. VM1 is heat resistant and will not glaze, like usual paper mill and PTFE packing, even at high shaft speeds.

### 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 VM1 is a dimensional replacement for the following gland packing ranges:

- Chesterton® | 1730
  - Garlock® | 1812
  - Palmetto® | 1392
  - Sepco® | ML 6225
  - Utex® | 234
- Crane® | K1760
  - Palmetto® | 1367C
  - Sepco® | ML 2240
  - Teabit® | 2030
  - Utex® | 235
- Crane® | K1761
  - Palmetto® | 1371
  - Sepco® | ML 4700
  - Universal® | 7538

### Why Choose the Vulcan Seals Type VM1?

- 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.

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