



# Vulcan Seals Type VC1

## Technical Data Sheet



### Product Description

The **Vulcan Seals Type VC1** is a superior performance pump packing, made of a unique Aramidic composite fibre. This special fibre combines an exceptionally high tensile strength of 380,000 psi (27,000 kg/cm2), outstanding heat resistance, linked to low friction, and excellent cool running properties. Lacking the stiffness of conventional synthetics and readily conforms to stuffing box surfaces, is easy to install and requires minimal gland torque and fewer adjustments. 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 one-tenth compared to Aramidic fibres, giving high reliability and life, even in the most demanding of applications. **Vulcan Seals Type VC1** is heat resistant and will not glaze, even at high shaft speeds.

### Operating Limits

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

### Gland Packing Replacement Range

The Vulcan Seals Type VC1 is a dimensional replacement for the following gland packing ranges:

- Chesterton® | 1727
- U.S. Seal MFG® | 310

### Why Choose the Vulcan Seals Type VC1?

- Made of a unique Aramid composite fibre
- Highly reliable and long life, even in demanding applications
- Suitable for general service pumps Paper-Mill, Sugar-Mill, and demanding application packing.
- Non-staining and Low susceptibility to adverse conditions

### Suitable Applications

General service pumps paper mill, sugar mill, and demanding application packing. Easy to cut and install, fast to break-in, kind to shafts, non-staining and with low susceptibility to adverse conditions, at installation or in use.

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