



Vulcan Seals Type VC6

Technical Data Sheet



Product Description

The **Vulcan Seals Type VC6** is a white cotton-based gland packing manufactured from high-quality flax (cotton) fibres, thoroughly impregnated with PTFE dispersion and internal lubricants. The PTFE impregnation reduces friction and improves chemical resistance, while the lubricated cotton structure provides excellent conformability and heat dissipation through controlled media absorption. This construction allows the Vulcan Seals Type VC6 to maintain a soft, pliable sealing face, helping to minimise shaft wear and ensure consistent sealing performance.

The **Vulcan Seals Type VC6** is designed for general-purpose industrial duties, particularly where mildly abrasive or lubricating media are present.

Suitable Industries

The Vulcan Seals Type VC6 is suitable for use in:

- General industrial utilities
- Water and wastewater services
- Light chemical processing
- Oils, fats, and lubricating fluids
- Non-abrasive to mildly abrasive duties

Chemical Properties

- Base fibre: Flax (white cotton)
- Impregnation: PTFE dispersion with internal lubricants
- Good resistance to water-based and lubricating media
- Compatible with mild acids and alkalis
- Not recommended for strong oxidising agents or heavy slurries

Why Choose the Vulcan Seals Type VC6?

- Flax (white cotton) fibre construction
- Fully PTFE-impregnated yarns
- Internal lubricants to reduce friction and glazing
- Soft, conformable structure for good gland sealing
- Good abrasion resistance for cotton-based packing



Valves - Operating Limits

Max Operating Pressure	Linear Speed	Min Operating Temperature	pH Range
200 bar	Static Only	*0°C / 32°F	4 - 12



Centrifugal Pumps - Operating Limits

Max Operating Pressure	Linear Speed	pH Range
50 bar	15 m/s	4 - 12



Reciprocating Pumps - Operating Limits

Max Operating Pressure	Linear Speed	Min Operating Temperature	pH Range
100 bar	2 m/s	*0°C / 32°F	4 - 12

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Dimensional Data

Cross Section. Sq (inch)	Packaged Weight (kg)	Packaged Weight (lb)	Packaged Weight (lb) US ONLY	Length of Coil (m)	Product Code	US Product Code
1/8"	0.07	0.154	1	8	VC6.1/8	VC6.1/8.1LB
3/16"	0.20	0.441	1	8	VC6.3/16	VC6.3/16.1LB
1/4"	0.29	0.639	2	8	VC6.1/4	VC6.1/4.2LB
5/16"	0.50	1.103	2	8	VC6.5/16	VC6.5/16.2LB
3/8"	0.78	1.720	2	8	VC6.3/8	VC6.3/8.2LB
7/16"	0.93	2.051	5	8	VC6.7/16	VC6.7/16.5LB
1/2"	1.11	2.448	5	8	VC6.1/2	VC6.1/2.5LB
9/16"	1.47	3.241	5	8	VC6.9/16	VC6.9/16.5LB
5/8"	1.93	4.256	10	8	VC6.5/8	VC6.5/8.5LB
3/4"	2.66	5.865	10	8	VC6.3/4	VC6.3/4.10LB
7/8"	3.48	7.673	10	8	VC6.7/8	VC6.7/8.10LB
1"	4.50	9.923	10	8	VC6.1/0	VC6.1/0.10LB

Please note that the lengths and weights provided are for informational purposes only and are not contractual.

Gland Packing Replacement Range

The Vulcan Seals Type VC6 is a dimensional replacement for the following gland packing ranges:

- AESSEAL® | 890
- Burgmann® | Koton
- Texpack® | 4123

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