

GORE-SEALANT TECHNOLOGIES

SEQUEL® Fibre Packing PRODUCT INFORMATION



SEQUEL® fibre packing is a white braided packing made from a specifically developed fibre in which the superior heat transfer and excellent lubricating components of the fibre have been homogeneously combined. Offering a thermal expansion co-efficient significantly lower than traditional white packing materials such as PTFE, and high thermal conductivity, SEQUEL® fibre packing is achieving performance levels previously unattainable with existing white packing materials.

Installation

- Food processing (sugar and chocolate)
- Pharmaceuticals
- Pulp and paper
- Water industry

Typical Applications

- Agitators, conveyors, mixers, conches
- Rotary pumps
- Vacuum pumps

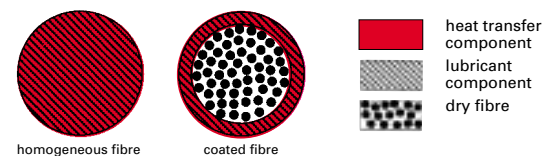
Technical Data

p	<ul style="list-style-type: none"> ⊕ 20 bar rotary pumps ⊖ 250 bar reciprocating pumps
t	-100 °C bis +280 °C
v	<ul style="list-style-type: none"> ⊕ 20 m/s rotary pumps ⊖ 2 m/s reciprocating pumps
pH	1 to 14
FDA	SEQUEL® packing meets FDA requirements for food processing applications

Installation Guide

Detailed installation instructions can be supplied on request.

Homogeneous SEQUEL® Fibre



SEQUEL® packing is braided from 100% homogeneous fibre which is made up of a combination of superior heat transfer and excellent lubricating components. Compared to conventional coated yarns of natural or man-made fibres whose thermal conductivity and lubricating components only coat the material surface and do not form an integral part of the fibre, the homogeneous structure of SEQUEL® fibre provides high shaft protection with minimal leakage.

Advantages

- asbestos-free
- easy to cut, simple to install
- very good emergency running characteristics
- long service life
- minimal shaft wear and leakage
- no pollution of the medium through leaching
- excellent chemical resistance
- non-hardening
- no debris, old packing removes quickly and cleanly



Case Histories

Installation/service	Previous packing	SEQUEL® packing
1. Food industry		
Equipment: Agitator Medium: Chocolate	PTFE-impregnated coated yarn. Service life: 2 months	After installation of SEQUEL® packing operational life increased to 7–10 months.
2. Pharmaceutical industry		
Equipment: Filter Dryer Medium: Solvent	PTFE-impregnated coated yarn. Service life: 6 weeks. The stuffing box follower needed tightening regularly.	Service life increased to 24 weeks The need to continually tighten the stuffing box follower reduced.
3. Paper industry		
Equipment: Stock Pump Media: Used paper, water Shaft diameter: 140 mm Shaft speed: 8 m/s Temperature: 50 °C Pressure: 4 bar	Mechanical seal (sliding ring) which gave very short service life.	With SEQUEL® packing service life increased six-fold.
4. Paper industry		
Equipment: Deflaker Media: Paper stock Shaft diameter: 50 mm Shaft speed: 10 m/s	Aramid fibre which lasted 6 weeks.	SEQUEL® packing lasted 5 months to date.

Quality Assurance

The GORE quality management system is certified according to DIN EN ISO 9001 by DQS. Component suppliers are also integrated into this system.



This forms the basis of the high level of quality of GORE packing materials.

Service Package

- Case histories
- Evaluation sample of 100% SEQUEL packing for a first installation
- Technical support
- Technical briefings, tutorials and seminars

Available Sizes

∅ mm	m/kg	Part number
04	40	SEQUEL-P-04
06	17.5	SEQUEL-P-06
08	9.8	SEQUEL-P-08
10	6.3	SEQUEL-P-10
12	4.4	SEQUEL-P-12
14	3.2	SEQUEL-P-14
16	2.4	SEQUEL-P-16
18	1.9	SEQUEL-P-18
20	1.6	SEQUEL-P-20
22	1.4	SEQUEL-P-22
24	1.27	SEQUEL-P-24

Ordering Details

Packed in 1kg, 3kg and 5kg boxes.
Please give part number and weight.
Other sizes are available on request.

Supplied by: