

1765

WHITE CHEMICAL PACKING FOR ROTARY EQUIPMENT



Advantages

- **Improved resiliency and reduced cold flow material properties** provide for longer sealing life.
- **Dense, interbraided construction** for effective sealing to minimize leakage and reduce product loss.
- **Higher pressure and speed capabilities with high corrosion resistance** allow the use of this packing for a wide variety of plant applications.
- **Low friction and improved heat dissipation properties** expand the performance capabilities of PTFE and makes it an equipment-friendly packing with minimal shaft sleeve wear.

ePTFE Packing for Superior Performance

1765 is ideally suited for bleach pumps and other rotary applications requiring a white, non-staining packing. Constructed from chemically-resistant, expanded PTFE material, 1765 demonstrates higher speed performance capabilities than traditional PTFE materials, for improved performance in a wide range of applications. The 1765 packing is designed to maintain process media integrity while controlling corrosive leakage.

Industrial Applications

Pulp and Paper

For rotary applications where chemical resistance is required and process needs to remain non-contaminated, like ClO₂ pumps, paper stock, and feeders. Suitable for brightening and bleaching process applications—including pumps, inline mixers, and tower agitators.

Chemical

For corrosive process fluids and most chemicals where product integrity is important. Suitable for acids, alkalis, as well as organic and non-organic process media.

1765

HIGH PERFORMANCE CHEMICAL PUMP PACKING

1765 packing provides low heat generation and increased thermal conductivity, resulting in improved performance over traditional PTFE yarns.

Formulated with an ePTFE yarn, the resultant packing exhibits a high resiliency for a PTFE material, making it suitable for mixers and other large rotating equipment. This resiliency delivers excellent and consistent gland load through the packing set for better leakage control.

1765 is tightly interbraided into a dense packing designed to reduce leakage. This dense construction delivers better filling capacity in the stuffing box while minimizing voids in the packing. 1765 packing is a nonabsorbent, nonwicking packing—therefore leakage through the packing is minimal. This results in fewer leak paths and less product loss.

The 0-14 pH range makes this packing usable throughout the plant, thereby reducing inventory and increasing maintenance efficiency.



1765 Product Specifications

| Size | | Packaged ± 10% | | Reorder Number |
|------|-------|----------------|-----|----------------|
| mm | Inch | kg | lbs | |
| 6,5 | 1/4 | 0,91 | 2 | 051172 |
| | | 2,27 | 5 | 051173 |
| 8,0 | 5/16 | 0,91 | 2 | 051174 |
| | | 2,27 | 5 | 051175 |
| 9,5 | 3/8 | 0,91 | 2 | 051176 |
| | | 2,27 | 5 | 051177 |
| 10,0 | | 0,91 | 2 | 051178 |
| | | 2,27 | 5 | 051179 |
| 11,0 | 7/16 | 2,27 | 5 | 051180 |
| 12,0 | | 2,27 | 5 | 051181 |
| 12,5 | 1/2 | 0,91 | 2 | 051182 |
| | | 2,27 | 5 | 051183 |
| | | 4,54 | 10 | 051184 |
| 14,0 | 9/16 | 2,27 | 5 | 051185 |
| 16,0 | 5/8 | 4,54 | 10 | 051186 |
| 19,0 | 3/4 | 4,54 | 10 | 051187 |
| 20,5 | 13/16 | 4,54 | 10 | 051188 |
| 22,0 | 7/8 | 4,54 | 10 | 051189 |
| 25,5 | 1 | 4,54 | 10 | 051190 |

Technical Data

| | |
|----------------------------|--|
| Temperature Limit | 260°C (500°F) maximum -40°C (-40°F) minimum |
| Speed Limit | 10 m/s (2000 fpm) |
| Pressure Limit | 20 bar g (300 psig) |
| Chemical Resistance | pH 0 to 14 except for Fluorine (F ₂), ClF ₃ and related compounds, molten, and alkali metals. |

Chesterton ISO certificates available on www.chesterton.com/corporate/iso

Technical data reflects results of laboratory tests and is intended to indicate general characteristics only.

A.W. CHESTERTON COMPANY DISCLAIMS ALL WARRANTIES EXPRESSED, OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE OR USE. LIABILITY, IF ANY, IS LIMITED TO PRODUCT REPLACEMENT ONLY. ANY IMAGES CONTAINED HEREIN ARE FOR GENERAL ILLUSTRATIVE OR AESTHETIC PURPOSES ONLY AND ARE NOT INTENDED TO CONVEY ANY INSTRUCTIONAL, SAFETY, HANDLING OR USAGE INFORMATION OR ADVICE RESPECTING ANY PRODUCT OR EQUIPMENT. PLEASE REFER TO RELEVANT MATERIAL SAFETY DATA SHEETS, PRODUCT DATA SHEETS, AND/OR PRODUCT LABELS FOR SAFE USE, STORAGE, HANDLING, AND DISPOSAL OF PRODUCTS, OR CONSULT WITH YOUR LOCAL CHESTERTON SALES REPRESENTATIVE.



DISTRIBUTED BY:

860 Salem Street
Groveland, MA 01834 USA
Telephone: 781-438-7000
Fax: 978-469-6528
www.chesterton.com

© A.W. Chesterton Company, 2012. All rights reserved.
® Registered trademark owned and licensed by A.W. Chesterton Company
in USA and other countries, unless otherwise noted.

FORM NO. EN22910

PRINTED IN USA 04/12