1765

White Chemical Packing for Rotary Equipment

High Performance Chemical Pump Packing

Chesterton® 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.

Technical Data

Materials	Chemically-resistant, expanded PTFE yarn
Pressure Limit	20 bar g (300 psig)
Speed Limit	10 m/s (2000 fpm)
Temperature Limit	260°C (500°F) maximum -40°C (-40°F) minimum
Chemical Resistance	0 – 14 pH except for Fluorine (F_2), ClF_3 and related compounds, molten and alkali metals.

Applications

Suitable for brightening and bleaching process applications—including pumps, inline mixers, and tower agitators. For processes that need to remain non-contaminated, like ClO_2 pumps, paper stock, and feeders. For corrosive chemical process fluids suitable for acids, alkalis, as well as organic and non-organic process media.

Industries

Chemical and Petrochemical Refining, and Pulp and Paper.

- **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** 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 make 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.

Size		Packaged ± 10%		Item 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

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