

1830

Graphite PTFE Braided Packing

Meets Strict Specifications for Rotating Equipment

Chesterton 1830 is an advanced combination of graphite and expanded PTFE in a single filament yarn packing designed to rigid specifications. It is well-suited for use in pumps, valves, agitators, mixers, and other rotating equipment. The PTFE resin is combined with graphite and lubricants using the latest technologies, resulting in a high-quality yarn filament. Due to the unique characteristics of this packing it is gentle on the shaft/sleeves, while still being pliable and conforming to adjust to shaft/sleeve and stuffing box irregularities.

Technical Data

Pressure Limit	22 bar g (320 psig)
Shaft Speed	18 m/s (3600 fpm)
Temperature Limit	260°C (500°F)
Chemical Resistance	pH 0 – 14 with the exception of strong oxidizers in the 0 – 2 pH range



- Excellent chemical resistance
- High linear strength
- UV resistance
- Low friction, less heat generation, and non-abrasiveness extends shaft and shaft sleeve life
- Easy installation and removal
- Low leakage and long life



Applications

For use in a pumps, valves, agitators, mixers and other rotating equipment in a wide range of applications and industries.

Size		Packaged $\pm 10\%$		Item Number
mm	Inch	kg	lbs	
4.7	3/16	0.908	2	175910
6.4	1/4	0.908	2	175911
		2.270	5	175912
8.0	5/16	0.908	2	175913
		2.270	5	175914
9.5	3/8	0.908	2	175915
		2.270	5	175916
		4.540	10	175917
10.0	–	0.908	2	175918
		2.270	5	175919
11.0	7/16	0.908	2	175920
		2.270	5	175921
12.0	–	0.908	2	175922
		2.270	5	175923
12.7	1/2	0.908	2	175924
		2.270	5	175925
		4.540	10	175926
14.0	9/16	2.270	5	175927
		4.540	10	175928
16.0	5/8	4.540	10	175929
17.5	11/16	4.540	10	175930
19.0	3/4	4.540	10	175931
20.0	–	4.540	10	175932
20.5	13/16	These sizes are available upon request.		
22.0	7/8	4.540	10	175933
24.0	15/16	4.540	10	175934
25.4	1	4.540	10	175935

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

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