

1830 Advanced Expanded Graphite PTFE Packing



Developed to meet rigid specifications in pumps, valves, agitators, mixers and other rotating equipment

Low friction, less heat generation non-abrasive, saves shafts and shaft sleeves

Quick to install, easy to disassemble

Low leakage and long life

Wide range of applications

Chesterton 1830 is an Advanced Expanded Graphite PTFE packing. The Advanced Expanded Graphite PTFE filaments were developed to meet the rigid specifications in pumps, valves, agitators, mixers and other rotating equipment. The PTFE-Resin is combined with graphite and expanded by using the latest technologies, resulting in a high quality filament.

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.

TYPICAL DATA

Pressure Rating:

200 psig (14 bar g)

Maximum Shaft Speed:

3600 FPM (18 m/s)

Maximum Service Temperature:

500°F (260°C)

Compatible pH Range:

0 to 14 with the exception of strong oxidizers in the 0 to 2 pH range

SIZE		PACKAGED		AWC
Inches	MM	LBS. ±10%	KG. ±10%	ITEM NO.
3/16	4,7	2	0,908	175910
1/4	6,4	2	0,908	175911
		5	2,270	175912
5/16	8,0	2	0,908	175913
		5	2,270	175914
3/8	9,5	2	0,908	175915
		5	2,270	175916
		10	4,540	175917
-	10,0	2	0,908	175918
		5	2,270	175919
7/16	11,1	2	0,908	175920
		5	2,270	175921
-	12,0	2	0,908	175922
		5	2,270	175923
1/2	12,7	2	0,908	175924
		5	2,270	175925
		10	4,540	175926
9/16	14,3	5	2,270	175927
		10	4,540	175928
5/8	15,9	10	4,540	175929
11/16	17,5	10	4,540	175930
3/4	19,1	10	4,540	175931
-	20,0	10	4,540	175932
13/16	20,6	TO ORDER		
7/8	22,2	10	4,540	175933
15/16	23,8	10	4,540	175934
1	25,4	10	4,540	175935