

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 |
| | | 5 | 2,270 | 175912 |
| 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 |