

Thomson FLUSH-PAK

Flexible graphite, offset square packing for pumps and valves



Specifications

Material:

Flexible graphite yarn reinforced with graphite filament (No PTFE) c/w passive corrosion inhibitor.

Construction:

Offset Square interbraid

Temperature:

Min: -328°F (-200°C)

Max: to +1200°F (+650°C) steam

to +850°F (+455°C) atmosphere

Pressure, max:

Valves: to 4,000 psi (275 bar) without end rings

Pumps: to 500 psi (34 bar) rotary

Shaft speed:

to 4,800 fpm (23 m/s)

pH range:

0-14 (except strong oxidizers)

Benefits

- Offset square design makes installation easy; ensures tight seal in worn or oversize stuffing boxes. Construction allows the Flexible Graphite to fill voids in the radial cross section.
- All-graphite construction:
 - » Maximizes reliability and stability in high temperatures; also provides excellent chemical resistance.
 - » Dissipates heat quickly, so equipment runs cooler and requires less flush water & less energy.
- Graphite filament reinforcement resists extrusion in high pressure applications.
- Spool stock convenience reduces inventory downtime.

Ideal for

- Most rotary applications
- Steam service
- Valves - c/w passive corrosion inhibitor required for valve service

Ordering Information:

Specify: Thomson style, size & quantity (lbs) required

| Dimensions* (A x B) | | Yield (ft/lb) | Standard Package Size | | |
|---------------------|-----------|------------------|-----------------------|------|----------------|
| inches | mm | | lbs | kg | |
| A | B | A | B | | |
| 1/8" | x 3/16" | 3.2 | x 4.8 | 71.4 | 1# SPOOL 0.453 |
| 1/8" | x 3/16" | 3.2 | x 4.8 | 71.4 | 5# SPOOL 2.27 |
| 3/16" | x 1/4" | 4.8 | x 6.4 | 37.0 | 1# SPOOL 0.453 |
| 3/16" | x 1/4" | 4.8 | x 6.4 | 37.0 | 5# SPOOL 2.27 |
| 1/4" | x 5/16" | 6.4 | x 8.0 | 27.8 | 1# SPOOL 0.453 |
| 1/4" | x 5/16" | 6.4 | x 8.0 | 27.8 | 5# SPOOL 2.27 |
| 5/16" | x 3/8" | 8.0 | x 9.5 | 16.0 | 1# SPOOL 0.453 |
| 5/16" | x 3/8" | 8.0 | x 9.5 | 16.0 | 5# SPOOL 2.27 |
| 3/8" | x 7/16" | 9.5 | x 11.1 | 11.3 | 1# SPOOL 0.453 |
| 3/8" | x 7/16" | 9.5 | x 11.1 | 11.3 | 5# SPOOL 2.27 |
| 7/16" | x 1/2" | 11.1 | x 12.7 | 10.0 | 5# SPOOL 2.27 |
| 7/16" | x 1/2" | 11.1 | x 12.7 | 10.0 | 10# SPOOL 4.54 |
| 1/2" | x 9/16" | 12.7 | x 14.3 | 8.4 | 5# SPOOL 2.27 |
| 1/2" | x 9/16" | 12.7 | x 14.3 | 8.4 | 10# SPOOL 4.54 |
| 9/16" | x 5/8" | 14.3 | x 15.9 | 5.7 | 5# SPOOL 2.27 |
| 5/8" | x 11/16" | 15.9 | x 17.5 | 5.0 | 5# SPOOL 2.27 |
| 5/8" | x 11/16" | 15.9 | x 17.5 | 5.0 | 10# SPOOL 4.54 |
| 11/16" | x 3/4" | 17.5 | x 19.1 | 3.8 | 10# SPOOL 4.54 |
| 3/4" | x 13/16" | 19.1 | x 20.6 | 3.4 | 5# SPOOL 2.27 |
| 3/4" | x 13/16" | 19.1 | x 20.6 | 3.4 | 10# SPOOL 4.54 |
| 7/8" | x 15/16" | 22.2 | x 23.8 | 2.9 | 10# SPOOL 4.54 |
| 1" | x 1-1/16" | 25.4 | x 26.97 | 2.2 | 10# SPOOL 4.54 |

* Material is ordered and packaged by the "a" dimension

** Also available in Metric sizes, Die formed pre-packaged sets and specialty cut lengths, contact A.R. Thomson Group for any special requirements.

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ARTG10519