

Thomson FLUSH-PAK



Flexible graphite, offset square packing for pumps and valves.

FEATURES / 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.
 - › Provides excellent chemical resistance.
 - › Dissipates heat quickly so equipment runs cooler and requires less flush water and less energy.
- Graphite filament reinforcement resists extrusion in high-pressure applications.
- Spool stock convenience reduces inventory downtime.

TYPICAL APPLICATIONS

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

SPECIFICATIONS

Construction:

Flexible graphite yarn reinforced with graphite filament (no PTFE) c/w passive corrosion inhibitor. Offset square interbraid.

Max Speed:

To 4000 fpm (20 m/s)

Temperatures:

Min: -328°F (-200°C)

Max:

To 1200°F (650°C) steam

To 850°F (455°C) atmosphere

Max Pressure:

Valves: 4000 psi (275 bar)
without end rings

Pumps: 500 psi (34 bar) rotary

pH range:

0–14 (except strong oxidizers)

ORDERING INFORMATION - FLOW-PAK

Specify Thomson style, size and quantity (lbs) required.

DIMENSIONS* (A x B)		YIELD	STANDARD PACKAGE SIZE	
inches	mm		lbs	kg
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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