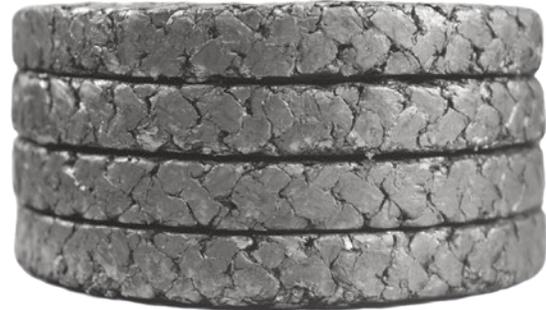


## Thomson FLUSH-PAK

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. Also 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.

**Temperature:**

Min: -328°F (-200°C)

Max:

To +1200°F (+650°C) steam

To +850°F (+455°C) atmosphere

**Pressure, max:**

Valves: 4000 psi (275 bar) without end rings

Pumps: 500 psi (34 bar) rotary

**Shaft speed:**

4800 fpm (23 m/s)

**pH range:**

0–14 (except strong oxidizers)

See reverse for ordering information.

## ORDERING INFORMATION - FLUSH-PAK

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

DIMENSIONS* (A x B)		YIELD	STANDARD PACKAGE SIZE			
inches	mm		ft/lb	lbs	kg	
<b>A</b>	<b>B</b>	<b>A</b>	<b>B</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.

## AUTHORIZED DISTRIBUTOR

**Limitation of liability:** actual performance may vary and is determined by factors unique to a given application. It is recommended that care be taken in the selection and application of materials for hazardous services and controlled testing be undertaken to determine suitability for a specific application. A.R. Thomson Group does not make or imply any warranty of suitability for a particular purpose and is not liable for any damages arising from the use of the information in this sheet.



Locations across Canada to serve you. For your nearest branch, please visit [www.arthomson.com](http://www.arthomson.com)  
Copyright © A.R. Thomson Group - All rights reserved. v1.2