

## 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

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