

## Thomson MOTION PAC X

Carbon Fiber c/w AFLAS® resilient elastomer core. Excellent choice for side, bottom and top entry Agitators/Mixers.



### Specifications

**Material:**

High purity carbon yarn c/w AFLAS® elastomeric resilient core

**Construction:**

Braid over core

**Temperatures:**

Min: -30°F (-34°C)

Max: +400°F (+204°C)

**Shaft Speed:**

to 3,600 fpm (18.2 m/s)

**Pressure:**

500 psi (35 bar) rotary centrifugal pumps

2,500 psi (172 bar) valves

**pH range:**

0–14 (except strong oxidizers)

### Benefits

- **Oversize square braid design:** ensures tight seal in worn or oversized stuffing boxes
- **Carbon/AFLAS®:** maximizes reliability and stability in equipment
- Provides excellent chemical resistance
- **Carbon filament reinforcement:** resists extrusion in high pressure applications
- Spool stock convenience
- Maintains an effective seal in a high radial run out or bent shaft conditions (e.g. Side entry Agitators/Mixers)

### Ideal for

- Most rotary applications
- Agitators/Mixers
- Re-pulpers
- Thomson Sealing Systems FLUSH-GARD™ bushing, compression packing sealing rings

AFLAS® is a registered trademark of the Asahi Glass Co., Ltd.

FLUSH-GARD™ is a registered trademark of Garlock Sealing Technologies.

## Ordering Information:

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

Size	3/8"	1/2"	5/8"	3/4"	7/8"	1"
Approx. ft/lb	12.0	8.7	5.7	4.0	2.5	2
Std pkg (lbs)	5	5/25	5/25	5/25	10/25	10/25

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

## Shaft Speed Conversion Calculations:

Feet per minute	Meter per second
Shaft / sleeve diameter (in) X RPM X 0.262 = fpm	Shaft / sleeve diameter (in) X RPM X 0.0013299 = m/s
Shaft / sleeve diameter (mm) X RPM X 0.0103 = fpm	Shaft / sleeve diameter (mm) X RPM X 0.0000524 = m/s

**AUTHORIZED DISTRIBUTOR**

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