Thomson
MOTION PAC X

Carbon fiber c/w Aflas® resilient elastomer core. Excellent choice for side, bottom and top entry agitators/mixers.

FEATURES / BENEFITS

- **Oversize square braid design** ensures tighter 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).

TYPICAL APPLICATIONS

- Most rotary applications
- Agitators/mixers
- Re-pulpers
- Thomson Sealing System FLOW PRO™ bushing, compression packing sealings rings.

SPECIFICATIONS

Construction:
High purity carbon yarn c/w Aflas elastomeric resilient core. Braid over core.

Temperature:
-30°F (-34°C) to +400°F (+204°C)

Pressure, max:
500 psi (35 bar) rotary centrifugal pumps
2500 psi (172 bar) valves

Speed:
To 3600 fpm (18.2 m/s)

pH range:
0–14 (except strong oxidizers)

See reverse for ordering information.

ORDERING INFORMATION - MOTION PAC X

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

Size	3/8"	1/2"	5/8"	3/4"	7/8"	1"
Approx. (ft/lb)	12	8.7	5.7	4	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 CONVERSATION CALCULATIONS

Feet per minute (fpm)	Meter per second (m/s)
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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