Thomson
ULTRA PAK

Flexible graphite c/w high purity carbon for anti-extrusion and abrasion-resistant corners.

FEATURES / BENEFITS

- High-purity carbon corners resist extrusion in worn equipment and high pressure applications.
- Spool stock convenience reduces inventory costs.
- No end rings in valves required. Reduces gland water consumption to 70–90%.

All-graphite/carbon construction:

- Maximizes reliability and stability in high temperatures. Also provides excellent chemical resistance.
- Dissipates heat quickly, so equipment runs cooler - requires less flush water.
- Less sleeve wear extends meantime between repair (MTBR).

TYPICAL APPLICATIONS

- High speed rotary applications (e.g. chemicals, paper stock, oil, solvents, steam, water, white water, boilerfeed water, soot blowers, valves, and agitators).
- Abrasive slurry applications.
- For installations with Thomson FLOW PRO™ bushings.

SPECIFICATIONS

Construction:
Flexible graphite yarn reinforced with high-purity, anti-extrusion carbon corners with graphite surface coating. Interlock braid.

Temperature, max:
To 850°F (455°C) air
To 1200°F (649°C) steam

Pressure, max:
To 500 psi (34 bar) pumps
To 5000 psi (344 bar) valves

Speed:
4800 fpm (22 m/s)
For higher shaft speeds, consult A.R. Thomson Group.

pH range:
0–14 (except strong oxidizers)

See reverse for ordering information.

ORDERING INFORMATION - ULTRA PAK

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

Size	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	7/8"	1"
Approx. (ft/lb)	25	16.6	12.4	7.2	4.7	3.5	2.6	2
Std pkg (lbs)	1/5/10	1/5/10	5/10	5/10/25	5/10/25	10/25	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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