Thomson
PURE-PAC II

Hybrid ePTFE compression packing for rotating equipment and valves. Ideal for colour-sensitive applications*. Full chemical range 0–14 pH.

FEATURES / BENEFITS

- Chemically inert (with a few exceptions over the entire 0–14 pH range).
- White, non-staining - for colour-sensitive applications.
- Highly thermally conductive - hybrid ePTFE yarn reduces shaft/sleeve wear: low coefficient of friction.
- Complies with FDA guidelines CFR 177.1550.
- High strength - longer life resistant to hardening or glazing.

TYPICAL APPLICATIONS

- Food and Beverage and Pharmaceutical industries.
- Colour-sensitive applications.
- Rotating equipment (mixers/agitators), centrifugal pumps, blenders, bleach washers, reactors, and valves.
- Slurries, powders, mild to medium abrasives.
- Severe chemical services.

SPECIFICATIONS

Construction:
Hybrid ePTFE compression packing with ingredients that are FDA compliant*. Minimal volume loss and thermally conductive. Square interbraid.

Temperatures:
Min: -170°F (-112°C)
Max: +550°F (+287°C)

Pressure, max:
300 psi (20 bar)

Shaft speed:
To 3300 fpm (17 m/s)

pH range:
0–14

See reverse for ordering information.

*Ingredients conform to FDA CFR 177.1550.

ORDERING INFORMATION - PURE-PAC II

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

Size	1/8"	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	7/8"	1"
Approx. (ft/lb)	72	31.5	19.4	12.5	9	5.1	3.3	2.3	1.7	1.2

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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