

## Thomson PURE-PAC II

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



### Specifications

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

**Temperature:**

Min: -170°F (-112°C)

Max: 550°F (287°C)

**Pressure, max:**

300 psi (20 bar)

**Shaft speed:**

To 3,300 fpm (17 mp/s)

**pH range:**

0–14

### Benefits

- Chemically inert (with 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

### Ideal for

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

\*Ingredients conform to FDA CFR 177.1550

## Ordering Information:

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

| Size                   | 1/8" | 3/16" | 1/4" | 5/16" | 3/8" | 1/2" | 5/8" | 3/4" | 7/8" | 1.0" |
|------------------------|------|-------|------|-------|------|------|------|------|------|------|
| Approx. feet per pound | 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 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**

ARTG12409