

Thomson PC-87

Rotating equipment, centrifugal pumps, agitators/mixers, reciprocating pumps, valves, extrusion resistant



Specifications

Construction:

- Expanded Teflon®, lubricated, graphite impregnated with tough aramid fibre reinforcing braid
- Square interbraid

Temperatures:

-200°F (-128°C) to 550°F (288°C)

Pressure, max:

to 500 psi (34.47 bar) rotary

Speed:

2,500 fpm (12.7 m/s)

pH range:

2–12

Benefits

- Good extrusion resistance – longer life
- High strength – lower wear, longer life
- Chemical compatibility – reduce inventory costs
- Sleeve protection – less wear, reduce parts cost
- Non-Asbestos – reduce handling cost
- Non-contaminating – will not degrade product
- Reduce maintenance and parts costs

Ideal for

- General chemical service where slurries or pressures in excess of 300 psi are typically encountered.
- Ideal for abrasive slurries, pulp stock, mine effluent, asphalt and produced water in oilfield production applications.

Teflon: Registered Trademark of Dupont

Ordering Information:

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

| Size | 1/4" | 5/16" | 3/8" | 7/16" | 1/2" | 5/8" | 3/4" | 7/8" | 1" |
|---------------|------|-------|--------|-------|------|------------|-------|------|----------|
| Approx. ft/lb | 23.1 | 14.2 | 10.0 | 7.6 | 5.4 | 3.6 | 2.9 | 2.2 | 1.4 |
| Std pkg (lbs) | 1 | 5 | 2/5/10 | 5 | 5/25 | 5/10/25/50 | 10/25 | 10 | 10/20/50 |

*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 |

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