

Thomson PC-87

For rotating equipment, centrifugal pumps, agitators/mixers, reciprocating pumps & valves. Extrusion resistant.



FEATURES / BENEFITS

- **Good extrusion resistance** for longer life.
- **High strength** for lower wear and longer life.
- **Chemical compatibility** reduces inventory costs.
- **Sleeve protection** for less wear and reduces parts costs.
- **Non-asbestos** - reduces handling cost.
- **Non-contaminating** and will not degrade product.
- Reduces maintenance and parts costs.

TYPICAL APPLICATIONS

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

SPECIFICATIONS

Construction:

Expanded Teflon[®], lubricated, graphite impregnated with tough aramid fibre reinforcing braid. Square interbraid.

Temperature:

-148°F (-100°C) to +536°F (+280°C)

Pressure, max:

2900 psi (200 bar) static

435 psi (30 bar) rotating

2900 psi (200 bar) reciprocating

*Pressure containment dependent on extrusion gap.

Speed:

2500+ fpm (12.7 m/s)

pH range:

2–12

See reverse for ordering information.

ORDERING INFORMATION - PC-87

Specify Thomson style, size and 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	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 (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

Limitation of liability: actual performance may vary and is determined by factors unique to a given application. It is recommended that care be taken in the selection and application of materials for hazardous services and controlled testing be undertaken to determine suitability for a specific application. A.R. Thomson Group does not make or imply any warranty of suitability for a particular purpose and is not liable for any damages arising from the use of the information in this sheet.



Locations across Canada to serve you. For your nearest branch, please visit www.arthomson.com
Copyright © A.R. Thomson Group - All rights reserved. v1.3