

Thomson AQUA-PAC



Water and slurry service
compression packing.

FEATURES / BENEFITS

- Our best value in packing for water and slurry service.
- Non-Abrasive: sleeves last longer.
- High strength/long life: save on replacement cost.
- Non-contaminating: will not degrade product.

TYPICAL APPLICATIONS

- All types of pumps handling water, brine, mine slurry and effluent - excellent performance due to high strength fiber having low abrasiveness and resistance to extrusion.
- Pulp and Paper in mid pH range applications - will not contaminate the process as RAMIE is a natural fiber.
- Marine application, stern tube shaft.

SPECIFICATIONS

Construction:

Vacuum impregnated, bleached long line Ramie fiber yarn. Contains Teflon® suspensoid and light oil break in lube. White non-contaminating. Square Interbraid.

Max Speed:

To 2000 fpm (m/s)

Temperatures:

-20°F (-29°C) to
250°F (1200°C)

Max Pressure:

To 300 psi (20 bar) centrifugal pumps and other related rotating equipment.

*For higher pressures e.g. reciprocating pumps please contact A.R. Thomson Group.

pH range:

4-11

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ORDERING INFORMATION - AQUA-PAC

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

Size	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	1"
Approx. (ft/lb)	27.0	17.0	10.0	8.7	6.7	5.2	4.2	2.7	1.8
Std pkg (lbs)	2	5	2/5	5	5/10	5/10	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 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

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