

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.
- Non-Asbestos: reduce handling cost.

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® suspenoid and light oil break in lube. White non-contaminating. Square Interbraid.

Temperature, max:

-20°F (-29°C) to +250°F (+120°C)

Pressures:

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.

Speed:

2000 fpm (10 m/s)

pH range:

4–11

See reverse for ordering information.

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	12.0	8.7	6.7	5.2	4.2	2.7	1.8
Std pkg (lbs)	2	5	2/5	5	5/10	5/10	12/25	12/25	12/25

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

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. v1.2