

Thomson GS-500

General service rotating
equipment compression
packing



FEATURES / BENEFITS

- Cost effective compression packing.
- Superior to old grease graphite asbestos.

TYPICAL APPLICATIONS

- General service - water, oil, steam, mild acids and alkalis.
- Valve stems, centrifugal and reciprocating pumps.

SPECIFICATIONS

Construction:

Acrylic yarn with graphite and petroleum impregnation. Square interbraid.

Temperatures:

-170°F (-112°C) to max +500°F (+260°C)

Pressures, max:

To 300 psi (20 bar) rotating equipment
For higher pressures, e.g. reciprocating pumps,
contact A.R. Thomson Group

Speed: To 1500 fpm (7.6 m/s)

pH range: 4–10

See reverse for ordering information.

ORDERING INFORMATION - GS-500

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

Size	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/2"
Approx. (ft/lb)	113.4	71.4	31.3	19.2	14.3	10.5	7.7	5.6	3.9	2.9	2.1	1.75	1
Std pkg (lbs)	2	2	2/5	5	5/10	10	5/10	5/10	10	10	10	10/50	10/50

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

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