

## Thomson CHEM-II GFO®

General service compression packing,  
rotary and valve applications 0–14 pH



### FEATURES/BENEFITS

- Low coefficient of friction, self lubricating - increases equipment life and reliability MTBR (mean time between repairs).
- High strength fiber - reduces sleeve wear and maintenance costs.
- Universal packing applications - saves inventory costs.
- Easy to cut, install and remove.

### TYPICAL APPLICATIONS

- Extreme chemical service.
- Acids, caustics and petroleum products.
- Higher shaft speeds than conventional Teflon® packing.
- Soft conformable packing for a broad range of pump and valve applications at medium pressures.
- Rotating equipment pumps, agitators, mixers, blenders, reciprocating pumps and valves.
- Universal packing applications.

### SPECIFICATIONS

**Construction:**

Expanded PTFE (ePTFE), lubricated, graphite impregnated, GORE® GFO® fiber.  
Square Interbraid.

**Temperature, max:**

To +550°F (+288°C)

**Pressure, max:**

Rotary: 300 psi (22 bar)  
Reciprocating pump: 2000 psi (138 bar)  
Valves: 2000 psi (138 bar)

\*Please contact A.R. Thomson Group if applications require higher pressures.

**Speed:**

4300 fpm (22 m/s)

**pH range:**

0–14 (except strong oxidizers)

See reverse for ordering information.

## ORDERING INFORMATION - CHEM-II GFO®

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

Size	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"
<b>Approx. (ft/lb)</b>	62.5	42.6	19.8	13.4	10.8	7.5	6.3	4.5	3.5	2.6	2.0	1.4
<b>Std pkg (lbs)</b>	2/5	2	1/2/5	1/2/5	1/5/10	5/25	1/5/10/25/50	5/10	5/10/25	10/25/50	10/25	10/25/50

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

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