

## Thomson GC 89

General service compression packing for centrifugal pump, rotating equipment agitators/mixers, reciprocating pumps, and valve service



### FEATURES / BENEFITS

- **Non-abrasive** - long service life.
- **General service** economize on one style.
- **Non-contaminating** - will not affect product.
- **Non-asbestos** - saves handling cost.
- Reduces maintenance costs.

### TYPICAL APPLICATIONS

- Centrifugal or reciprocating pumps, valves.
- Medium acids and alkalis, petroleum and synthetic oils, steam, aromatic and aliphatic solvents and dry gas applications. Good chemical resistance.
- Where a clean 'white' non-contaminating packing is preferred.
- Rotating equipment - general service applications, agitators/mixers, pumps and valves.

### SPECIFICATIONS

#### Construction:

Teflon® impregnated, acrylic yarn with unique break-in lubricant. Single yarn encapsulation for superior protection from chemical attack. Square interbraid.

#### Temperatures:

-170°F (-112°C) to +550°F (+288°C)

#### Pressures, max:

To 500 psi (34.4 bar) rotary

Up to 2500 psi (172 bar) in valve service

#### Speed:

2500+ fpm (12.7 m/s)

#### pH range:

0–12

See reverse for ordering information.

## ORDERING INFORMATION - GC 89

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

Size	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>	45	26	16	13.1	9.8	7.1	6.3	4.6	2.7	2.3	1.8
<b>Std pkg (lbs)</b>	2	2	2/5	5	5	5/10/25	5	5/10	10/25	10	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

## AUTHORIZED DISTRIBUTOR

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