

Thomson GC 89

General Service compression packing- centrifugal pump, rotating equipment Agitators / Mixers, reciprocating pumps & Valve service



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 to 550°F
-112°C to 288°C

Pressures:

to 500 psi rotary (34.4 bar)
up to 2,500 psi (172 bar) in Valve service

Speeds:

2,500+ fpm (12.7 m/s)

pH range:

0 - 12

Benefits

- **Non-Abrasive:** long service life
- **General service:** economize on one style
- **Non-contaminating:** will not affect product
- **Non-Asbestos:** save on handling cost
- Reduce maintenance costs

Ideal for

- Centrifugal or reciprocating pumps, valves.
- Good chemical resistance, excellent in medium acids and alkalis, petroleum and synthetic oils, steam, aromatic and aliphatic solvents and dry gas applications.
- Recommended where a clean (White) non-contaminating packing is preferred.
- Rotating equipment - excellent choice for general service applications, agitators / mixers, pumps & valves.

Teflon® is a registered trademark of Dupont

Ordering Information:

Specify: Thomson style, size & 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
Approx. ft/lb	45.0	26.0	16.0	13.1	9.8	7.1	6.3	4.6	2.7	2.3	1.8
Std pkg (lbs)	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	Meter per second
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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