

Thomson CHEM-4

General Service chemically resistant
compression packing.

Rotating equipment & Valve applications



Specifications

Construction:

Teflon® filament yarn with PTFE dispersion and an inert break-in lubricant.
Square interbraid.

Temperatures:

to -450°F (268°C) to +500°F (260°C)

Pressures:

to 300 psi (20 bar)

Speeds:

to 1,500+ fpm (7.6 m/s)

pH range:

0 - 14

Benefits

- Chemically resistant 0-14pH - reduce inventory costs
- Non-contaminating – will not degrade product
- Non-Asbestos – reduce handling cost
- High strength – longer life
- Reduce maintenance and parts costs
- *Should not be used in chlorine

Ideal for

- Highly corrosive media: aggressive acids, strong caustics and solvents.
- Excellent in chemical service at low to medium shaft speeds.
- Excellent choice for applications demanding a Chemically resistant compression packing.
- Rotating equipment applications and Valve service.

Teflon® is a registered trademark of Dupont

Ordering Information:

Specify: Thomson style, size & quantity (lbs) required

Size	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"
Approx. ft/lb	16.7	12	9.2	6.7	5.4	4.4	3.5	2.3
Std pkg (lbs)	2	2	1/5	5/10	5/10	5/10	5/10	5/10

*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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