

## Thomson CHEM-4 FDA

PTFE Filament  
Food grade compression packing  
Rotating equipment, valve applications  
\*Ingredients conform to USDA & FDA requirements



### Specifications

**Construction:**

Food grade compression packing.  
PTFE filament c/w PTFE dispersion/mineral oil.  
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

- Food grade compression packing Rotating equipment, valve applications.  
\*ingredients conform to USDA requirements & meet FDA title 21 CFR 172.878, 177.1550, 178.3570, 178.3620(a)
- 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.

## 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

**AUTHORIZED DISTRIBUTOR**

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