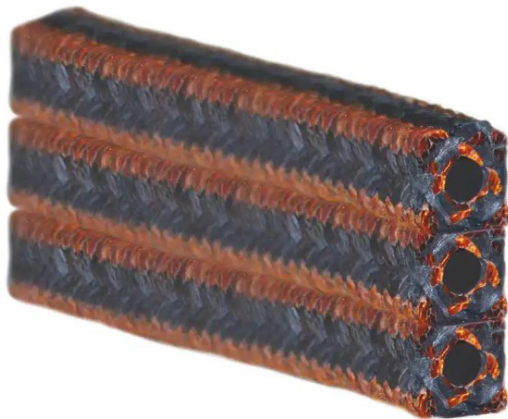


# Thomson GATE-LOK



Slurry service valve packing 0-13 pH.

## FEATURES / BENEFITS

- Rubber core “energizer”:
  - › Maintains the bolt load on the packing to retain a tight seal during pressure and thermal cycling.
- ePTFE highly conformable packing base:
  - › Excellent sealability and chemical resistance.
- Reinforced scraper corners:
  - › Reduces contaminants entering the packing chamber; minimizes leakage and increases the life of the packing.

## TYPICAL APPLICATIONS

- A broad range of Knife Gate Valve applications.
- Acids, caustics and petroleum products.
- Extreme chemical service.
- Mixer applications (consult A.R. Thomson Group)

## SPECIFICATIONS

### Construction:

Expanded PTFE (ePTFE), lubricated graphite impregnated fiber. Abrasion-resistant scraper corners. Chemically-resistant rubber energizer live loads the packing to maintain a seal during cycling conditions.

### Shaft Speed:

To 4000 fpm (20 m/s)

### Temperatures:

To 400°F (204°C)  
continuous

### pH range:

0–14 (except  
strong oxidizers)

### Max Pressure:

2000 psi (138 bar)

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

## ORDERING INFORMATION - GATE-LOK

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"
Approx. (ft/lb)	62.5	42.6	19.8	13.4	10.8	7.5	6.3	4.5	3.5	2.6	2.0	1.4
Std pkg (lbs)	2	2	1	1	1	5	1	5	5	10	10	10
	5		2	2	5	25	5	10	10	25	25	25
			5	5	10		10		25	50		50
							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.

## KNIFE GATE VALVE PACKING SIZES

Knife Gate Valve Packing Sizes	Meter per second (m/s)
2"-12"	3/8"
14"-18"	1/2"
20"-24"	5/8"
Larger sizes	Consult ARTG ( <a href="http://www.arthomson.com">www.arthomson.com</a> )

## AUTHORIZED DISTRIBUTOR



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