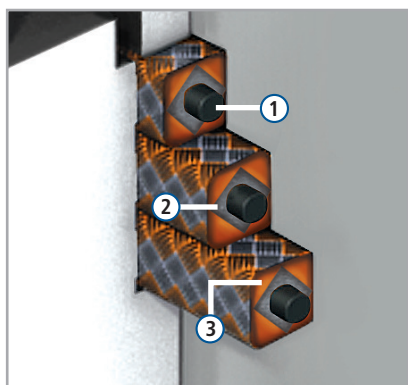


## Thomson GATE-LOK

Slurry service valve packing 0-13 pH



### FEATURES / BENEFITS

- ① **Rubber core “energizer”:**  
Maintains the bolt load on the packing to retain a tight seal during pressure and thermal cycling.
- ② **ePTFE highly conformable packing base:**  
Excellent sealability and chemical resistance.
- ③ **Reinforced scraper corners:**  
Reduces contaminants entering the packing chamber; minimizes leakage and increases the life of the packing.

### 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.

#### Temperature:

To 400°F (204°C) continuous

#### Pressure, max:

2000 psi (138 bar) - Contact A.R. Thomson Group if applications require higher pressures.

#### pH range:

0–13 (except strong oxidizers)

See reverse for ordering information.

### 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)

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

**Limitation of liability:** actual performance may vary and is determined by factors unique to a given application. It is recommended that care be taken in the selection and application of materials for hazardous services and controlled testing be undertaken to determine suitability for a specific application. A.R. Thomson Group does not make or imply any warranty of suitability for a particular purpose and is not liable for any damages arising from the use of the information in this sheet.



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