

Thomson GV-1200



High temperature and pressure valve stem compression packing c/w Inconel® wire reinforcement.

FEATURES / BENEFITS

- Superior sealability - requires less operating torque.
- Corrosion inhibited - reduces valve repair cost.
- Broad chemical compatibility - reduces inventory costs.
- Reduces maintenance and production costs.
- Low friction - Inconel alloy wire is encapsulated in the outer jacket and does not come in contact with the valve stem, virtually eliminating stem wear.
- Cost-effective general service valve stem compression packing.

TYPICAL APPLICATIONS

- High temperature and pressure valve service.
- Steam and hydrocarbons.

SPECIFICATIONS

Construction:

Inconel® wire-reinforced spun carbon over homogenous core. Braid over extruded core.

Pressure:

To 1200 psi (82 bar)

pH range:

1-12

Temperatures:

Steam: to 1200°F (650°C)

Atmosphere: to 850°F (445°C)

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ORDERING INFORMATION - GV-1200

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"
Approx. (ft/lb)	76.9	53.9	22.2	12.5	10	7.1	5.4	4.8	3.8	2.7	1.8
Std pkd(lbs)	1	1	1/2/5	2/5	2/5	5	5	5	5	10/25	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 (fpm)	Meter per second (m/s)
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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