

Garlock 5882 Series

Low Friction Valve Stem Packing for the Power Generation Industry

The power generation industry is challenged with achieving leak free valve sealing combined with responsive and smooth valve actuation. Our 5882 Series product offering addresses these industry needs with an easy to install, stable, low friction valve stem packing.

OPTIMIZING FRICTION & STRUCTURAL STABILITY

Low friction products offerings:

- » Garlock Style 5882 is constructed from a high quality carbon fiber core and a PTFE shell, optimizing the low friction qualities of PTFE and the structural integrity of high quality carbon fiber. Packing is available in spool stock and die formed ring sets for end user convenience.
- » Style 5882 LSP is a combination set of GRAPH-LOCK® and Style 5882 rings for nuclear applications.

ADVANTAGES

Low Friction	Up to 20% lower friction than leading competing products made from innovative materials and technology.
Customizable: Material & Bushings	All standard sizes available. These products can be formed to almost any dimensions. We offer custom fabricated carbon bushings for optimizing box depth and set performance.
Logistically Simple	Planning for an outage? Formed sets provide you with a convenient way to know you have exactly what you need.
Quality	Use of highest quality and purity materials combined with our workmanship allows us to provide consistent and reliable products for safety and performance.



GARLOCK STYLE 5882 SPOOL

- » Service up to 550°F
- » Class leading low friction performance
- » Versatile spool offering



GARLOCK STYLE 5882 DIE FORMED

- » Die formed rings
- » Logistic simplicity
- » Class leading low friction performance



GARLOCK STYLE 5882 LSP SET

- » Best sealing with higher heat dissipation
- » Engineered graphite middle rings
- » Lower PTFE content set

GARLOCK 5882 SERIES

CONFIGURATIONS

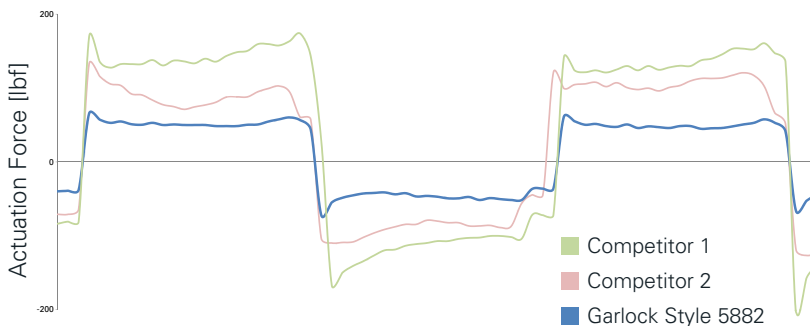
- » **Continuous**
 - Style 5882 Spool
- » **Discrete**
 - Style 5882 die formed, bevel cut rings
 - Style 5882 LSP
 - Die formed engineered graphite
 - Style 5882 end rings

BENEFITS

- » Potential cost reduction by reducing size of required actuator
- » In service solution for undersized actuators in trouble applications
- » Convenience of die formed or mandrel cut spool stock

LOW FRICTION TEST RESULTS

- » Gland stress of 3560 psi
- » Representative 1.5 cycle from 250 cycle test. Full test results available through Garlock Engineering
- » No pressure



IDEAL FOR:

- » AOV (Air Operated Valves)
 - » Steam
 - » Water
 - » Process Control
 - » Air



SPECIFICATIONS

Construction	PTFE fiber over braided carbon core
Temperature	-200°F (-130°C) to 550°F (288°C)
pH range	0-14**
Pressure	to 3500 psi (242 bar) in valves

**Consult Garlock Engineering for high pressure applications.

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GARLOCK

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