

GARLOCK

- PUMP DIAPHRAGMS-



PUMP DIAPHRAGMS

Garlock Pump Diaphragms Deliver Solutions

From pure PTFE to one-piece bolt on PTFE bonded rubber diaphragms, if you have a difficult or critical application, we have the diaphragm to meet your needs.

GYLON® PTFE Diaphragms

Exclusive to Garlock, the GYLON® PTFE Diaphragm material is a time proven product which is made using a proprietary process which optimizes quality and uniformity.

Using the best available technology this material offer the longest cycle life in the industry, and continues to outperform all competitive materials.

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GARLOCK® ONE UP® Pump Diaphragm

For years the industrial ONE-UP® pump diaphragm made with high performance PTFE GORE® sheet has been the first choice for the most demanding industrial applications. We are now introducing the new GYLON® ONE-UP® for the most demanding sanitary applications. Both styles offer extraordinarily long life and reliability.

GARLOCK® ONE-UP® Pump Diaphragms are durable and versatile. Containing high performance PTFE GORE® sheet on the wetted side, they last significantly longer than other conventional PTFE diaphragms.

These diaphragms provide a dramatic improvement in service life and are considerably stronger, with greater flex life. Excellent chemical resistance makes GARLOCK® ONE-UP® Pump Diaphragms extremely versatile.

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GYLON® Style 3522 Diaphragm Material

Garlock Pump Diaphragms Deliver Solutions

From pure PTFE to one-piece bolt on PTFE bonded rubber diaphragms, if you have a difficult or critical application, we have the diaphragm to meet your needs.

GYLON® PTFE Diaphragms

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GYLON® Style 3522 Diaphragm Material

Reduced Void Content:

- Reduced void content translates to less permeation, increased life, reduced potential for cross-contamination of process media and energy savings.

Cost Savings:

- Longer diaphragm life means increased process uptime and decreased labor and documentation costs from changing out diaphragms as frequently

Environmental Stewardship:

- Improved equipment efficiencies, better protection of downstream equipment and minimized batch contamination due to more reliable diaphragm

Media:

- Strong caustics, strong acids, hydrocarbons, chlorine and cryogenics. Conforms to FDA regulations.

Specifications:

Max. Temperature: 500 (°F)

Max. Pressure: 800 (PSI)

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GARLOCK® ONE UP® Pump Diaphragm

For years the industrial ONE-UP® pump diaphragm has been the first choice for the most demanding industrial applications. We are now introducing the new GYLON® ONE-UP for the most demanding sanitary applications.

Made using the exclusive GYLON® PTFE Diaphragm material and a proprietary EPDM rubber backing, this product is made with the same patented rib construction of our standard industrial ONE-UP®.

FDA Compliance:

This FDA compliant diaphragm will have the same chemical resistance and long life as the industrial ONE-UP, however this diaphragm can be used in food and regulated applications. The GYLON ONE-UP will outperform your current diaphragm; however because it is not as abrasive resistant as the industrial ONE-UP, we are recommending it for non-abrasive service only.

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GARLOCK® ONE UP® Pump Diaphragm

Satisfaction guarantee:

This product has the same Satisfaction Guarantee that the standard Industrial ONE-UP has. This is a money back guarantee on your initial order if you are not completely satisfied with the performance of the diaphragm.

Availability:

Available in all of the sizes and pump offerings that the industrial ONE-UP is made: ALMATEC, ARO, DEPA, BLAGDON, FLOTRONICS, GRACO, UNITEC, VERDER, VERSAMATIC, WARREN RUPP, WILDEN AND YAMADA.

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GARLOCK® ONE UP® Pump Diaphragm

Easy installation:

Made in a one-piece design, this diaphragm is simple to install. Whether it incorporates bolt holes or a perimeter sealing bead, it fits easily into the pump housing without the difficulties associated with installing two-piece diaphragm sets.

typical applications

- Air operated diaphragm pumps for food and pharmaceutical applications

Technical data:

Temperature Range:

- Minimum: 40F (-4C)
- Maximum 300F (149C)

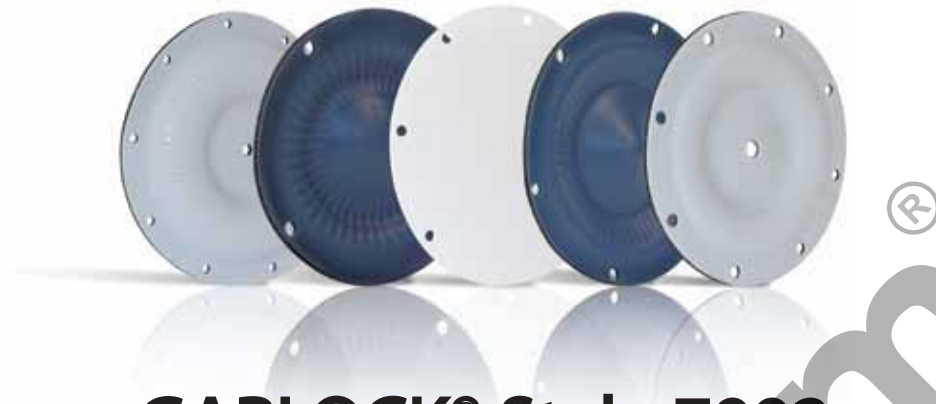
CIP & SIP Capable: Maximum 300F (149C)

Meets Specification (GYLON): FDA Regulation 21CFR177.1550, 3A Standard, NSF 61 Standard, USP Class VI Chapter 87 & 88, USP Part 31, 281 and 661

Meets Specification (EPDM): FDA Regulation 21CFR177.2600

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GARLOCK® Style 7992 Reinforced Rubber Neoprene Diaphragm

We offer a variety of high performance rubber compounds and also have the ability to design compounds to meet customer specific requirements. With a world class bonding and molding operation, Garlock provides the best solutions to solve your specific needs.

Benefits:

Elastic yet strong

- Combines elasticity and extensibility of rubber with strength of fabric insert
- Specially compounded in varying burst strengths for almost any service condition

Specifications:

Max. Temperature: 250 (°F)

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GARLOCK® Style 8798 Reinforced Rubber Neoprene Diaphragm

Reinforced Rubber Neoprene Diaphragm

Benefits:

Elastic yet strong

- Combines elasticity and extensibility of rubber with strength of fabric insert
- Specially compounded in varying burst strengths for almost any service condition

Specifications:

Max. Temperature: 250 (°F)