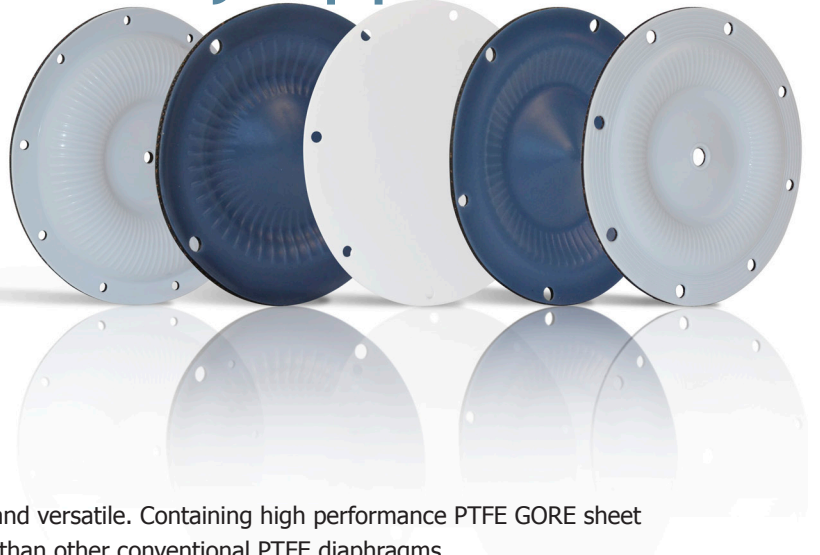


ONE-UP DIAPHRAGMS

Industrial and Sanitary Applications

Air Operated Diaphragm Pumps

Garlock offers a complete range of ONE-UP Industrial and Sanitary diaphragms to suit virtually all makes and models of Air Operated Diaphragm pumps on the market. If we don't have a suitable ONE-UP, we can make it.



Value and Benefits:

ONE-UP for Industrial Applications

- 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.
- Tough. Long Lasting, Reliable and Abrasion Resistant

GYLON ONE-UP for Food and Pharmaceutical Industries

- Made using our 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.
- Low Permeation, Long Lasting, Flexible and Reliable
- FDA Compliant

ONE-UP. One piece design simplicity!

The diaphragm is the backbone of any air operated diaphragm pump. If it fails or leaks prematurely, then the pump must be stripped and the diaphragm replaced. Installation of a Garlock ONE-UP can extend the operational life of the diaphragm and provide improved meantime between failure (MTBF) and better return on investment. (ROI)



Unique Garlock thermal and mechanical bonding process ensures the integrity of your diaphragm!



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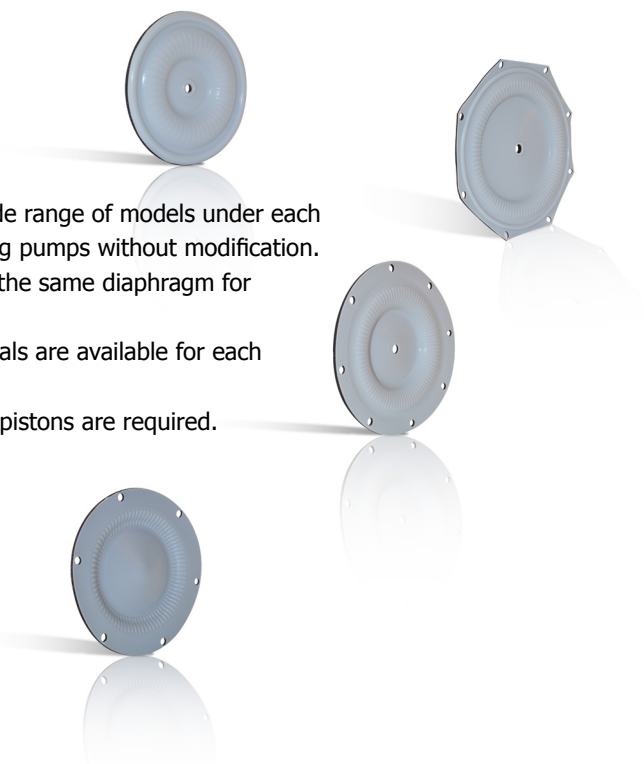
Common Pump Brands:

ABEL
ALMATIC
ARO
ASHTON
BLAGDON
DELLMECO
DEPA
FLOTRONIC
FLUX
GRACO
TAPFLO
VERSAMATIC
VERDER
WARREN RUPP
WILDEN
YAMADA

Options include:

- Diaphragms are available for a wide range of models under each brand. Diaphragm styles fit existing pumps without modification.
- In many cases there is overlap of the same diaphragm for multiple pump brands/model use.
- A variety of backing rubber materials are available for each One-Up style.
- In some cases different shaft and pistons are required.

Diaphragms are available for many other AODD pumps that may not be widely recognised in our local markets. Please request detail.



Air Operated Double Diaphragm Pumps: (AODD)

More and more operations are converting to the use of Air Operated Diaphragm Pumps. Key points of these pumps are:

- Reciprocating pumps where the working elements are flexible diaphragms, and the drive is by means of compressed air acting directly on the diaphragms.
- At least two valves, one on the suction and one on the discharge side are always necessary.
- Air operated diaphragm pumps are Leak Free as they have no rods or plungers. No seal - no leaks. **The only way the air operated diaphragm pump can leak is if the diaphragm cracks or breaks!**
- Variable flow and pressure conditions are controlled by the air pressure. Lightweight and easy to use.
- Dry running capability is a major feature (compared to traditional centrifugal pumps.) They can dry run indefinitely, run submerged, with flooded suction, and can self prime from a dry start.
- Non sparking, and very high safety standard for critical service applications.

These pumps are prominently used for viscous chemicals and slurries, transfer solvents and acids, pharmaceutical liquids and creams, semi solid foods, flavours, drinks and alcohol, waste water, sewerage, coal and lime slurry, hydrocarbons, petrol diesel, lubrication oil and vegetable oil, paints emulsions, pigments, thinners and resins, ceramics and clays.



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