

Full-Stroke PTFE Diaphragms



Where Innovation Flows

WILDEN®

WHEN PERFORMANCE MATTERS, MAXIMIZE THE FULL-STROKE

When the job requires peak performance and maximum containment, Wilden's PTFE Full-Stroke Diaphragm delivers the suction lift, life, flow rates, efficiency and reliability needed to get the job done safely and securely. Wilden's full-stroke diaphragm technologies provide greater productivity with increased displacement per stroke for enhanced suction lift, flow rates and operating efficiencies.

FEATURES AND BENEFITS

- Superior flow rates and reliability
- Higher efficiency (utilizes the full stroke to push more fluid per quantity of air consumed)
- 115% increase in suction lift capability
- Reduces flex creases, minimizing a critical failure mode and increases diaphragm life
- Simplified inventory (uses existing rubber and TPE shaft and piston assemblies)
- Wide temperature range: 4°C to 104°C (40°F to 220°F)
- Complies with Requirements of:



Contact factory for details

Performance When It Matters

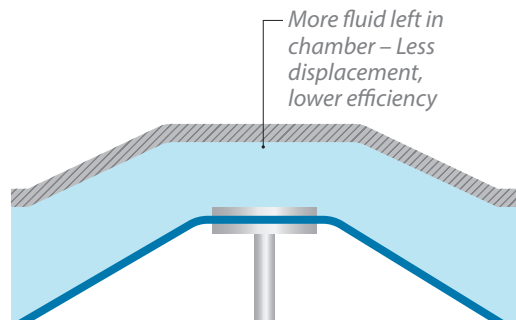
FULL-STROKE PTFE DIAPHRAGM OVERVIEW

- Maximum efficiency in operational performance and air consumption
- PTFE is the optimal choice for hygienic or aggressive chemical applications
- Excellent for highly aggressive fluids such as aromatic or chlorinated hydrocarbons, acids, caustics, ketones, aldehydes and acetates
- Features an exceptionally smooth, contoured shape with the same shaft and hardware utilized by Wilden's current rubber and Thermoplastic Elastomer (TPE) diaphragms
- Features a Wil-Flex™ or Saniflex™ backup diaphragm
- Wil-Gard™ diaphragm containment alarm system available as an accessory

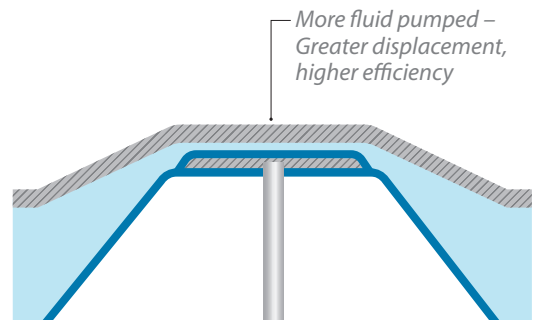
COMPATIBILITY

- Wilden AODD pumps, including FDA Series and Hygienic™ Series pumps for enhanced containment & cleanability
 - 25 mm (1")
 - 38 mm (1-1/2")
 - 51 mm (2")
 - 76 mm (3")
- Wilden High Pressure Pumps, Ductile Iron and Stainless Steel
 - 25 mm (1") H200
 - 51 mm (2") H800

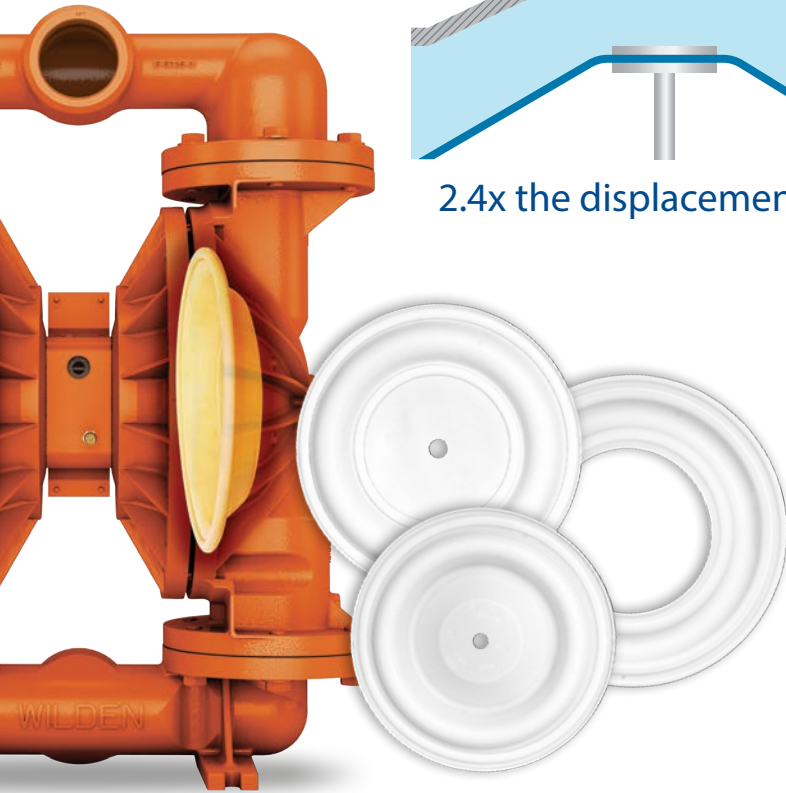
Conventional Diaphragm During Discharge Stroke



Full-Stroke PTFE Diaphragm During Discharge Stroke




2.4x the displacement per stroke of conventional diaphragms



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