

ATEX-Rated Conductive Plastic Pumps



Where Innovation Flows

WILDEN®

When aggressive chemicals, flammable fluids and explosive environments are part of the job, the pump you choose can mean the difference between smooth operation and catastrophic failures that cost far more than downtime.

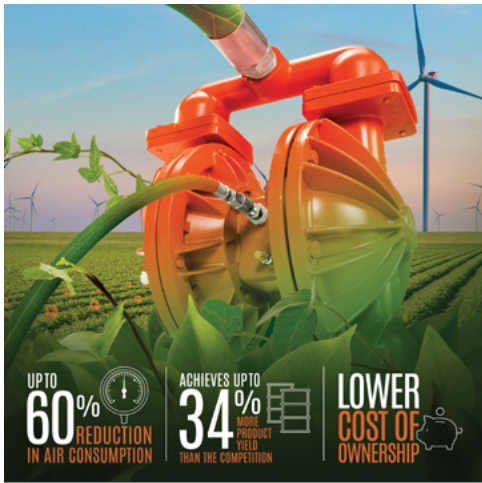
Wilden has expanded its plastic pump line with new bolted conductive plastic air-operated double-diaphragm (AODD) pumps, built for exactly these demanding conditions. The bolted construction and conductive plastic liquid path, paired with conductive polypropylene or metallic air distribution systems, make the pumps fully groundable and ATEX compliant for safe operation. Wilden combines ATEX-compliant conductive polypropylene construction with Pro-Flo SHIFT efficiency technology & IPD, delivering both hazardous-area safety and industry-leading operating cost savings and performance.

VALUE PROPOSITION

- Lowest cost of operation from the 60% air savings of the Pro-Flo SHIFT Air Distribution System, while retaining high flow rates
- Longest mean time between repairs (MTBR) from the 2–3x longer diaphragm life of the Chem-Fuse Integral Piston Diaphragms, increasing pump uptime and lowering maintenance costs
- Superior containment and safety from a best-in-class bolted design with fixed fasteners, reducing part count and maintenance time and eliminating potential leak points via the Chem-Fuse Integral Piston Diaphragms

APPLICATIONS

- Aggressive Acids
- Flammable Solvents
- Gasoline and Diesel
- Flammable Inks
- Alcohols
- Mining
- Acetone Transfer
- MEK & Toluene Service
- Ethanol & IPA Transfer
- Paint & Coatings
- Solvent Blending
- Chemical Unloading
- Hazardous Waste Handling



Pro-Flo SHIFT ADS

Featuring stall-free operation, easy maintenance and energy savings in compressed air, the Pro-Flo SHIFT ADS offers simple, reliable and efficient operation with a lower total cost of ownership.

PRO-FLO SHIFT ADS BENEFITS

- Up to 60% in air savings all while retaining existing flow rates
- Reduced total cost of ownership
- Minimum moving parts (less wear)

Chem-Fuse IPDs

Unlike conventional diaphragms that fall short in meeting the demands of critical pumping applications, the innovative Chem-Fuse™ Integral Piston Diaphragm (IPD) features a simple one-piece design that offers greater durability, increased flex life and easier cleanability. With Wilden Chem-Fuse diaphragms inside your conductive bolted plastic AODD pump, you can benefit from less downtime, more uptime and the peace of mind of long-lasting performance.

CHEM-FUSE BENEFITS

- Offers 2x to 15x longer diaphragm life by eliminating outer-piston abrasion
- Improves containment and safety when pumping valuable, critical and dangerous fluids by eliminating potential leak point
- Offers faster changeovers between products thanks to easy cleanability
- Guarantees reliability due to its exclusive availability as an authentic Wilden part



Pump Category	Size	Wetted Path Material	Non-Wetted Path Material	Max. Flow Rate Range	Max. Suction Lift	Certification
Small Plastic Pumps	¼" – 1"	Conductive Polypropylene, Conductive PVDF	Conductive Polypropylene center section and air chambers	21.6 lpm (5.7 gpm) to 220 lpm (58 gpm)	1.6 mm (1/16")	Ex CE UK CA
Large Plastic Pumps	1-½" & 2"	Conductive Polypropylene, Conductive PVDF	Aluminum or Stainless Steel center block and muffler plate with conductive polypropylene air chambers	458 lpm (121 gpm) to 709 lpm (187 gpm)	1.6 mm (1/16")	Ex CE UK CA
Accu-Flo Pumps	¼" – 1"	Conductive Polypropylene, Conductive PVDF	Conductive Polypropylene center section and air chambers	21.6 lpm (5.7 gpm) to 170 lpm (45 gpm)	1.6 mm (1/16")	Ex CE UK CA

View the Wilden Safety Supplement (WIL-18510-E) for more information on the ATEX rating for Wilden AODD pumps.

Where Innovation Flows



WIL-18521-F-01

Authorized PSG® Partner:

Copyright 2026 PSG®, a Dover company

WILDEN®

PSG

22069 Van Buren Street

Grand Terrace, CA 92313-5651 USA

P: +1 (909) 422-1730 • F: +1 (909) 783-3440

wildenpump.com

PSG® reserves the right to modify the information and illustrations contained in this document without prior notice. This is a non-contractual document. 07-2026