

# WILDEN®

## Chem-Fuse: Upgrade without Compromise



### Chem-Fuse Diaphragms

#### Features & Benefits:

- Up to 100% increased flow and suction lift compared to other reduced-stroke IPD diaphragms
- Size availability: 25 mm (1"), 38 mm (1-1/2"), 51 mm (2"), 76 mm (3")
- Temperature range from -40°C to 107°C (-40°F to 225°F)
- Available in Wil-Flex™ material
- Available for Pro-Flo® SHIFT bolted-metal and plastic models
- High-pressure Chem-Fuse diaphragm available for Wilden H800 pump

Introducing **Wilden®** Chem-Fuse diaphragms now available for industrial markets. These integral piston diaphragms (IPDs) solve many of the critical issues faced by industrial companies that use conventional diaphragms while incorporating the core patented technology of Wilden Pure-Fuse diaphragms. Benefits include:

- Elimination of a potential leak point at the outer piston when pumping critical or dangerous fluids
- Elimination of outer piston abrasion for longer diaphragm life, especially when pumping abrasive fluids
- Easy cleanability for faster changeovers between product

Previous IPDs solve many of the issues faced in the market, but in order to solve these issues the diaphragm's performance is sacrificed. Chem-Fuse diaphragms provide all the benefits of a typical IPD without sacrificing performance.

**Upgrade without compromise.  
Contact your authorized Wilden distributor today!**

Where Innovation Flows



## Upgrade without compromise to Wilden® Chem-Fuse Diaphragms

Chem-Fuse diaphragms are the ideal solution for general industrial and chemical applications, and are constructed from Wil-Flex™ material. The diaphragms feature a wide range of temperature limits, excellent flex life, high abrasion resistance and outstanding durability, even when handling acids, caustics and other aggressive fluids.



### Conventional Diaphragms

- Outer piston that causes diaphragm abrasions
- Increased rate of diaphragm failure

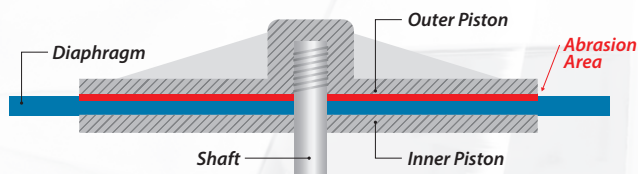
### Short-Stroke Integral Piston Diaphragms (IPD)

- Only available in short shaft
- Reduced performance: up to 50% reduction in flow and suction lift

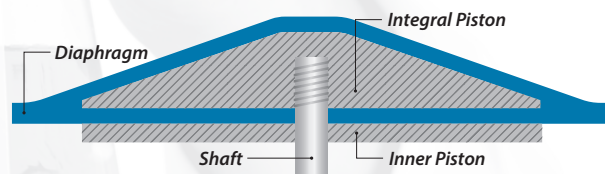
### Chem-Fuse Diaphragms

- No outer piston to cause abrasions
- Elimination of leak point when pumping critical or dangerous fluids
- Easy cleanability
- Superior flow rates and increased production

### Conventional Diaphragm



### Chem-Fuse Diaphragm



**WILDEN®**

PSG

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Authorized PSG® Partner: