

# **PTFE Integrated-Plate Bonded Diaphragms**

Put the power of FUSION<sup>™</sup> Diaphragms inside your pump. Excellent Service Life • Inventory Cost Reduction • Easy Installation & Maintenance



## Integrated-Plate Diaphragms

Deflection ridges ward off flex points and eliminate radial "wagon wheel" cracking.

Exclusive concave shape provides excellent service / life, suction lift and lower start-up pressure.

Because **FUSION Diaphragms** have no center hole, they eliminate potential leak paths.

**Backing ribs** sustain and guide the diaphragm's flex for extended life and reduced cavitation on suction stroke.

**Oversized integrated plate** supports nearly 50% of the diaphragm through the entire dynamic motion.

## A new kind of power for your pump.

Introducing **FUSION**<sup>™</sup> **Integrated-Plate Diaphragms** from Versa-Matic. **FUSION Diaphragms** go beyond bonding PTFE and rubber they also encapsulate the outer diaphragm plate into the design. This exclusive bonding process results in diaphragms that are **stronger and last longer** than ever before.

### FUSION Diaphragms also

improve function with a revolutionary concave design that allows the use of a longer shaft on some sizes. No need to sacrifice performance on pumps fitted with PTFE diaphragms. **FUSION Diaphragms can** 

enhance flow rates and suction lift.

#### Put the power of FUSION<sup>™</sup> Diaphragms inside your pump:

- Excellent service life
- Inventory cost reduction
- Easy installation and maintenance
- Improved performance
- Greater displacement
  per cycle
- · Eliminated leak paths
- Smooth, sanitary design

FUSION Diaphragms are easy to install and maintain. Simply spin on the single piece diaphragm and hand tighten — no torque or tools required. The smooth surface of FUSION Diaphragms provides for simple cleaning, especially beneficial in food-grade and sanitary applications.

Consult your Versa-Matic distributor for availability or more information on our  $\frac{1}{2}$ ", 1", 1 $\frac{1}{2}$ " and 2" FUSION Diaphragms.



VERSA-MATIC<sup>®</sup> Warren Rupp, Inc. A Unit of IDEX Corporation 800 North Main Street, P.O. Box 1568 Mansfield, OH 44901-1568

Phone: (419) 526-7296 • Fax: (419) 526-7289 Email: info.versamatic@idexcorp.com www.versamatic.com



amic motion.

тм