

Gore™ DIAPHRAGMS

Spectrom is proud to announce the availability of neoprene-backed Gore™ ONE-UP® laminate diaphragms (EPDM & Viton available upon request). With proprietary PTFE on the wetted side and laminated construction, they last significantly longer than other conventional PTFE diaphragms. These diaphragms provide a dramatic improvement in service life and are considerably stronger, with greater flex life. Excellent chemical resistance makes ONE-UP® pump diaphragms extremely versatile. They are suitable for use with most chemicals and in elevated temperatures and pressures, and are ideally suited for general-service pumps that are used for a variety of pumping tasks.

Features:

- Made from a proprietary 100 percent PTFE
- Bonded to a reinforced rubber backing
- Patented rib construction
- Chemically inert and temperature resistant
- Greater flex life
- Available for most makes of pumps and sizes



Benefits:

- Longer lasting: replace diaphragms less often
- Versatile: diaphragms work with most chemicals
- Lower cost: maintenance and operating costs

Technical data:

- Material: Proprietary 100% PTFE on wetted side
- Construction: One-piece design
- Temperature range: Neoprene backing: 14°F to 200°F (-10°C to 93°C)
EPDM backing: 14°F to 280°F (-10°C to 137°C)
Viton backing: 32°F to 350°F (0°C to 176°C)
- Chemical resistance: Resistance to all media in the 0-14 pH range except molten alkali metals and elemental fluorine.
- Flex life: More than 70MM cycles (ASTM-D-2176, 0.020 in. thick, 0.600 in. wide)
- Impact Strength: 30.4 ft. lbs./in. (ASTM-D-256, 0.220 in. thick)
- Safety: Complies to FDA 21 CFR 177.1550 (PTFE) requirements for food processing

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