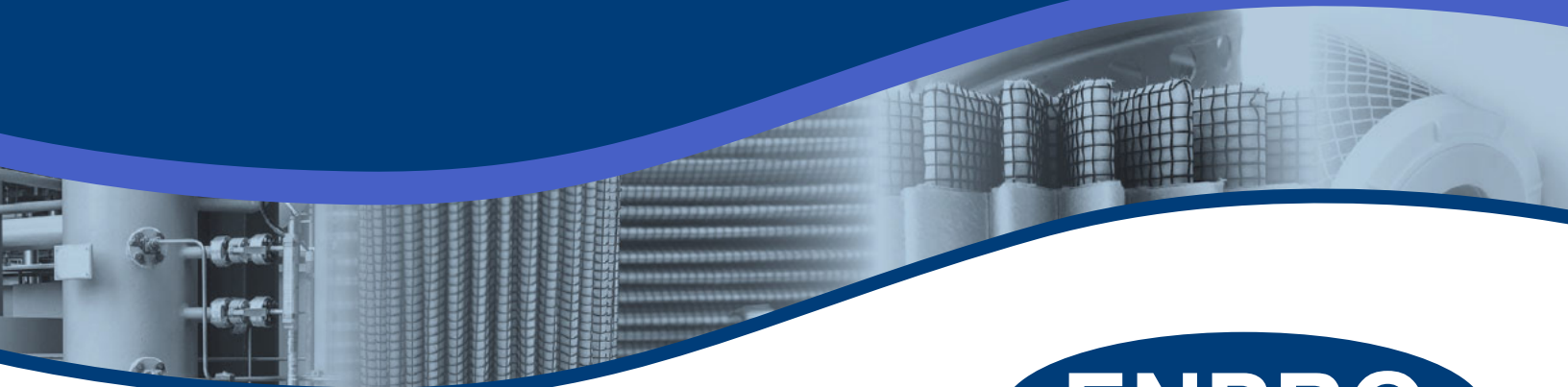




Filtration Technologies



>>> A Relentless Ally For American Manufacturing™

ENPRO, INC. has been in the business of helping our customers solve their process problems for over 60 years. Our technically trained application engineers have expertise in diverse markets to meet the ever-changing business needs of our customers.

By representing leading manufacturers in instrumentation and process equipment, we are committed to providing our customers with innovative tailor-made solutions for their applications.

We combine the strength of our experience with the knowledge of our technologies to help our customers optimize their processes.

ENPRO is the premier manufacturer's representative/distributor in each of the following markets:

- Alternate Fuels
- BioPharmaceutical
- Cement
- Die Casting
- Food & Beverage
- Fuels & Chemicals
- Grain Processing
- Industrial Manufacturing
- Injection Molding
- Microelectronics
- Mining
- Power Generation
- Primary Metals
- Printing
- Pulp & Paper
- Refining



FILTRATION EXPERTISE

ENPRO provides filtration solutions to a wide array of industries.

COMPETENCE

ENPRO's sales and service personnel have a wealth of filtration knowledge and experience. These capabilities allow us to offer our customers the most cost effective filtration solution for their application whether it's simple, complex or highly engineered.

TECHNOLOGY

Our sales engineers regularly update our customers on the latest advancements in filtration technology. This approach allows our customers to evaluate a variety of options and determine the best solution for their processes.

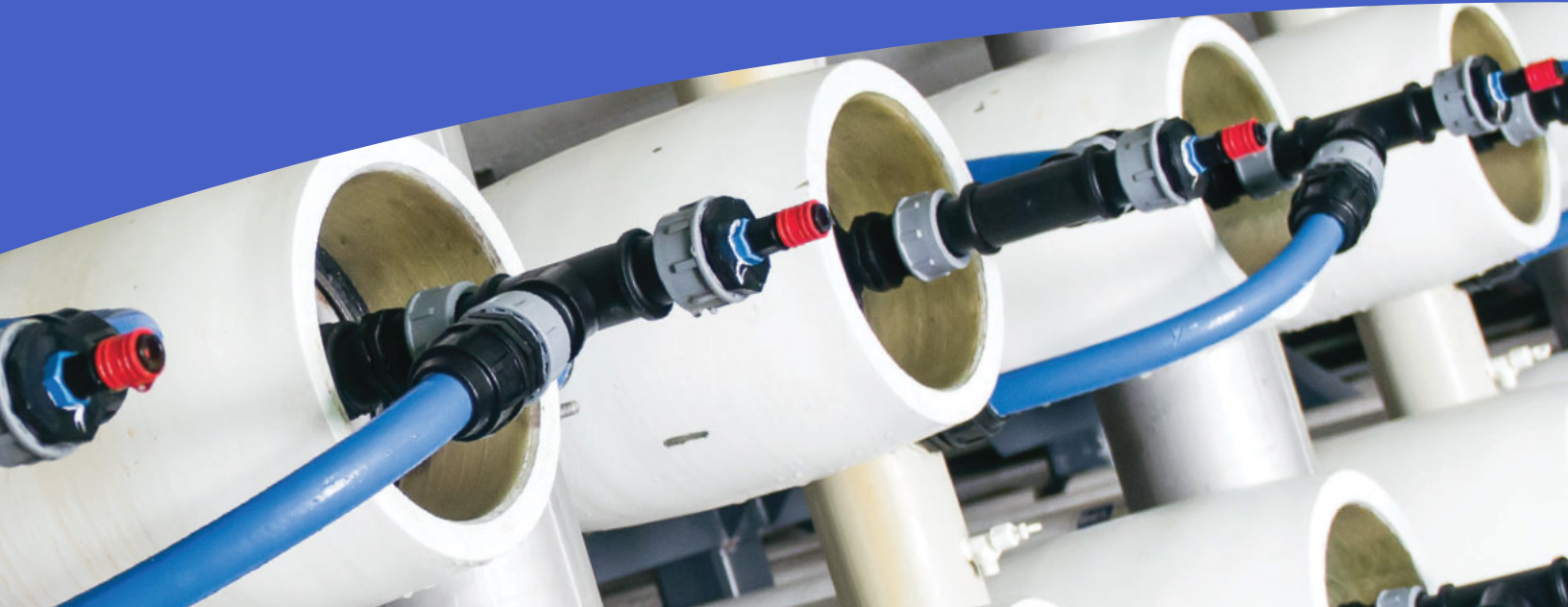
PRODUCT RANGE

ENPRO offers filtration technologies that are designed and engineered to filter liquids and gases within a variety of industries.

ENPRO's field and service center teams are **available 24/7** to repair and maintain equipment for our customers.

Emergency Service And Preventative Maintenance Capabilities Include:

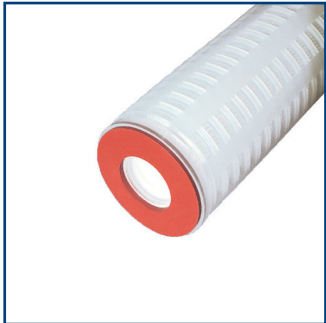
- Air Operated Diaphragm Pumps
- Chemical Metering Pumps
- Chemineer Mechanical Seals
- Compressed Air Dryers
- Gearboxes
- Heat Exchangers
- Oil Purification Equipment
- Protectoseal Tank Blanketing Valves
- Conservation Breather Vents



CARTRIDGE END CAP CONFIGURATIONS



Cut End



Open (DOE)



Spring



PP Core Extender



213 Internal O-Ring



Flat (for 213)



222



222 (w/SS Insert)



226



226 (w/SS Insert)



Flat Cap



Fin

PLEATED DEPTH CARTRIDGES

Multi-layer, fiber-based medias provide true depth-loading for high efficiency particulate removal over a wide range of micron ratings.

PLEATED POLYPROPYLENE

Pleated Polypropylene cartridges are designed for use in most applications where high efficiency particulate filtration is required. Manufactured using 100% polypropylene materials, PP cartridges are a versatile, exceptionally clean and chemically inert filter for use in all industries. Available in both absolute and nominal retention efficiencies and ratings from 0.2 to 120.0 micron.

PLEATED MICROGLASS

Pleated Microglass cartridges are constructed with FDA-approved borosilicate microglass media that offers a high holding capacity, high efficiency and can handle higher temperatures. Available in both absolute and nominal retention efficiencies and ratings from 0.2 to 100.0 micron.

CELLULOSE/EPOXY COATED CELLULOSE

Cellulose cartridges are a cost-effective option for applications requiring high efficiency and high surface areas. Available in nominal retention efficiencies and ratings from 0.5 to 100.0 micron.

PLEATED MEMBRANE CARTRIDGES

Our range of membrane medias offer high surface area and high efficiency to accommodate a wide variety of applications.

POLYETHERSULFONE

High purity polyethersulfone membrane filter offers high flow rates, low protein binding and has a wide compatibility range. Particulate and Sterilizing grade filter elements and capsules are available.

NYLON 6,6 & NYLON 6,6 PLUS+

High purity Nylon and Nylon Plus+ membrane cartridges provide excellent retention and cleanliness for use in a variety of liquid filtration applications. Particulate and Sterilizing grade filter elements and capsules are available.

PTFE

High purity PTFE membrane filter media provides superior chemical resistance for use in a broad range of applications. It also offers outstanding hydrophobicity, which makes it a great option for air, gas and vent applications. Particulate and Sterilizing grade filter elements and capsules are available.

POLYSULFONE

High purity polysulfone membrane filter media offers an exceptional flow rate and high loading capacity. Available as either a hydrophilic or hydrophobic membrane. Particulate and Sterilizing grade filter elements and capsules are available.

DEPTH CARTRIDGES

Our depth cartridges feature various graded density medias that offer high dirt holding capacity in a wide range of materials, efficiencies and micron ratings.

MELTBLOWNS

Multiple grades of meltblown depth cartridges offer a cost-effective, graded density, particulate filter option for countless applications across all industries. Constructed of 100% polypropylene, nylon, or PPS, these filters offer great chemical compatibility. Available in both absolute and nominal retention efficiencies and ratings from 0.3 to 100.0 micron.

STRING WOUND

String wound depth filter cartridges offer an economical choice for applications where high solids removal is necessary. Available in many combinations of media and core materials. Available in nominal retention efficiencies and ratings from 1.0 to 200.0 micro

BI-COMPONENT

Bi-Component cartridges are manufactured using a unique and proprietary process which allows the filter to maintain a sharpened particulate retention cutoff as well as handle differential pressures well beyond the abilities of most 2.5 and 2.7 inch cartridges. Available in lengths from 9.75 to 50 inches and ratings from 1 to 350 micron.n.

HIGH FLOW CARTRIDGES

Our High Flow line replaces traditional cartridge filter elements or reduces equipment footprint.

HIGH EFFICIENCY POLYPROPYLENE & MICROGLASS

High efficiency filtration for applications requiring high flow rates and fast element change-outs. Multiple seal designs allow for retrofit in many common vessels. High flow polypropylene, microglass, and cellulose medias are available in 20", 40", or 60" lengths to address your needs.

ABSOLUTE RATED

Absolute rated filtration for high flow rate applications. The large diameter allows for use of fewer cartridges, which translates to less maintenance and production down time. Available in chemically inert polypropylene, microglass, or cellulose medias.

DIRECT REPLACEMENT

Available in polypropylene, microglass, or cellulose medias and in a wide variety of micron ratings, we have retrofit elements for almost any commercially available configuration.

LIQUID FILTER BAGS

Filter bags offer bulk particulate filtration capabilities across a wide range of ratings, flow rates and efficiencies, making them an excellent option for pre or final filtration. Available medias include felt, mesh and high efficiency microfiber. Available in all industry standard sizes and easily configurable to fit most manufacturer's vessels.

SPECIALTY PRODUCTS

Additional filtration products for your manufacturing system.

METALLIC FILTERS

Stainless steel and high alloy filter elements provide excellent strength and resistance in extreme applications and allows for repeated cleaning. Standard and HighFlow elements are available and micron ratings ranging from 1.0 to 200.0.

SHEET FILTERS

Filter sheets are constructed from a blend of cellulose and diatomaceous earth (DE) and represent an approved and established filtration technology for solid liquid separation. This media format is widely used in the food and beverage, pharmaceutical and chemical industries.

LENTICULAR FILTERS

Lenticular disc depth filter elements are constructed from individual cells of filter sheet media. The stacked disc format allows for an enclosed filter system, easy change-outs, and reduces product loss.

CARTRIDGE FILTER VESSELS

Our vessels meet the process requirements for a broad range of applications and industries.

SINGLE & MULTI-ROUND SANITARY

Sanitary cartridge liquid filter vessels are suited for a wide variety of filtration applications where full ASME BPE standards are required. V-band clamp, bolted, and ASME designs are available.

SINGLE CARTRIDGE

Available in carbon steel, 304 or 316 stainless steel vessels holding elements from 5" to 40". Available in multiple inlet/outlet sizes and styles.

MULTI-ROUND

Band-clamp, through-bolt or swing bolt designs are available for applications requiring multiple filter elements. ASME certification is available when required.

BAG FILTER VESSELS

SINGLE BAG FILTER VESSELS

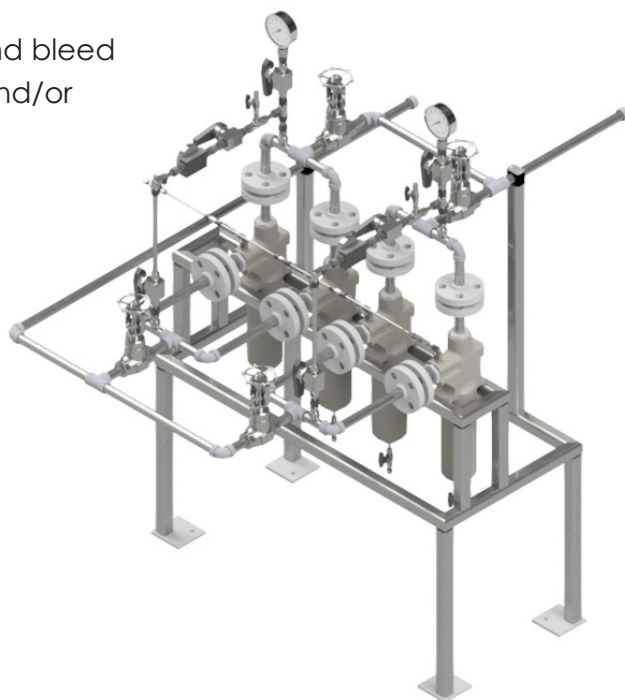
Stainless or carbon steel and in multiple inlet and outlet configurations. The swing-bolt lid allows for quick changeouts and a pressure rating of 150 PSI. Adjustable legs, drain, vent and gauge ports are standard equipment.

MULTI-BAG FILTER VESSELS

Stainless and carbon steel multi-bag vessels are designed to offer a high quality and economical solution for a variety of high flow and high solids applications. Available to accommodate 4, 6, 8 or 12 bags and capable of handling up to 2400 gallons per minute.

CUSTOM FILTRATION HARDWARE SOLUTIONS

Multiple housings in series or parallel, manifolds, block and bleed valving, differential pressure indicators, custom frames and/or platforms, and automation.





>>> A Relentless Ally For American Manufacturing™

CORPORATE HEADQUARTERS

ENPRO, INC.

121 South Lombard Road
Addison, IL 60101
(800) 323-2416

BRANCH OFFICES

INDIANA

Indianapolis, IN 46240
(317) 872-1422

KANSAS

Overland Park, KS 66210
(913) 327-8400

MICHIGAN

Ann Arbor, MI 48104
(248) 557-6880

MINNESOTA

Bloomington, MN 55439
(952) 943-3930

MISSOURI

St. Louis, MO 63146
(314) 878-6161

NEBRASKA

Omaha, NE 68137
(402) 597-2306

OKLAHOMA

Oklahoma City, OK 73116
(405) 728-9500

TENNESSEE

Memphis, TN 38120
(901) 623-9560

For more information
(800) 323-2416
www.enproinc.com