Graver Technologies

FILTRATION | SEPARATION | PURIFICATION



Aegis® DualGuard I®

Condensate Polishing Septa

Product Specifications

Media:
Polypropylene

Inner core, end caps, cage:
Polypropylene

Gaskets/O-Rings:
EPDM Sulfur Free

Micron rating:
1, 3, 5, 10, 25 µm

Other micron rated media available upon request

Dimensions

Nominal lengths:
50", 60", 70", 80"
(1,270, 1,524, 1,778, 2,032 mm)

Outside diameter: 2.5" (63.5 mm)

Inside diameter: 1.0" (25.4 mm)

Operating Parameters

Maximum operating temperature:
Polypropylene: 180°F (85°C)

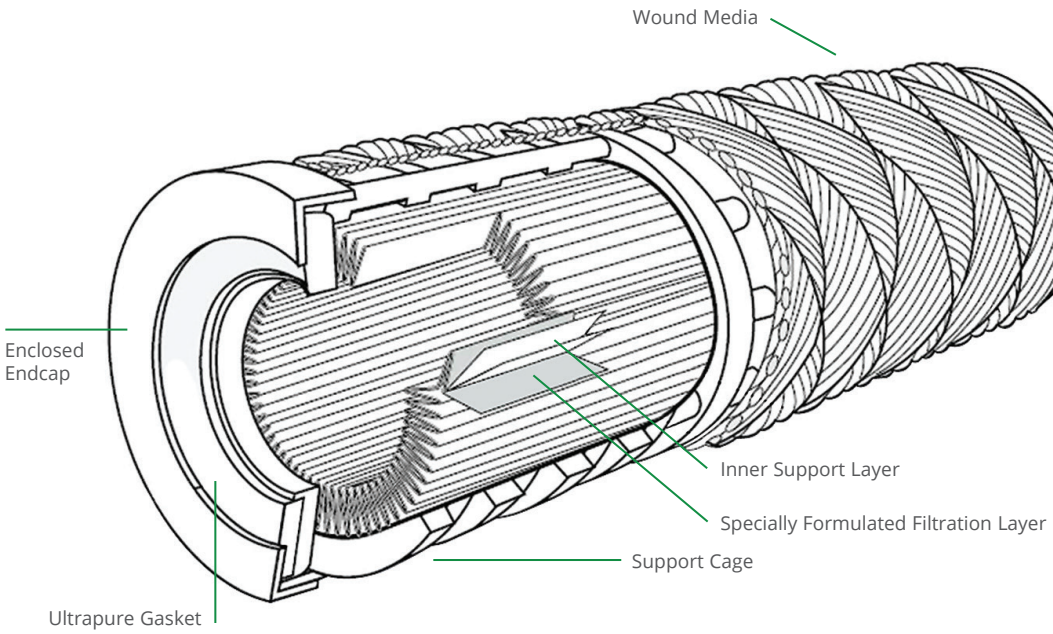
Polypropylene maximum:
130 psid @ 70°F (8.9 bar @ 21°C)

Collapse pressure:
40 psid @ 180°F (2.8 bar @ 85°C)

Graver Technologies DualGuard I elements are engineered for systems that require a uniform precoat on the outer surface of the septa, providing an effective removal of iron oxide particles while still allowing for an effective backwash. The all polypropylene constructed element has two distinct zones. The outer zone is a multi-string wound surface ideal for precoating in either a thin or a full layer resin precoat and the inner zone is pleated polypropylene with a fixed pore media. The inner pleated filter media is available in a variety of micron grades to meet specific requirements of the condensate system. The element is available in variety of end cap connections.

FEATURES & BENEFITS

- The optimum precoat surface allows for the distribution and sustainability of an evenly thin layer precoat for optimum performance
- Preocatable with a full or thin layer of powdered resin
- Available in various outside diameters
- Fixed pore construction eliminates dirt unloading as differential pressure increases
- High surface area of pleated media
- Removal efficiency rated at 99.9%
- Versatile outside diameter allows for surface area improvement
- Low pressure drop
- Unique high purity gaskets will not cause chemistry issues



SUPERIOR PRODUCTS AND GLOBAL REACH

Graver Technologies designs, develops and manufactures ion exchange technology and products that enable and enhance separation, purification, process filtration and analysis. A Marmon Water/Berkshire Hathaway Company, Graver has a long history of strong corporate support, ion exchange innovation, industry commitment, global reach and world-class capabilities.

Whether you are around the corner or across the globe, Graver Technologies supports customers with superior products and services. Customers worldwide trust our products over competitive offerings; we export about a third of our manufacturing output. Backed by more than half a century of innovation, our ion exchange products treat over 6.5 billion gallons of water daily in more than 38 countries.

In the United States, over 90 percent of nuclear power facilities choose Graver's ion exchange systems, services and products to meet stringent water purity requirements.

GRAVER TECHNOLGIES WORLDWIDE LOCATIONS





FOR MORE INFORMATION

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