



Graver Technologies

FILTRATION | SEPARATION | PURIFICATION



# Aegis® DualGuard

## 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:**

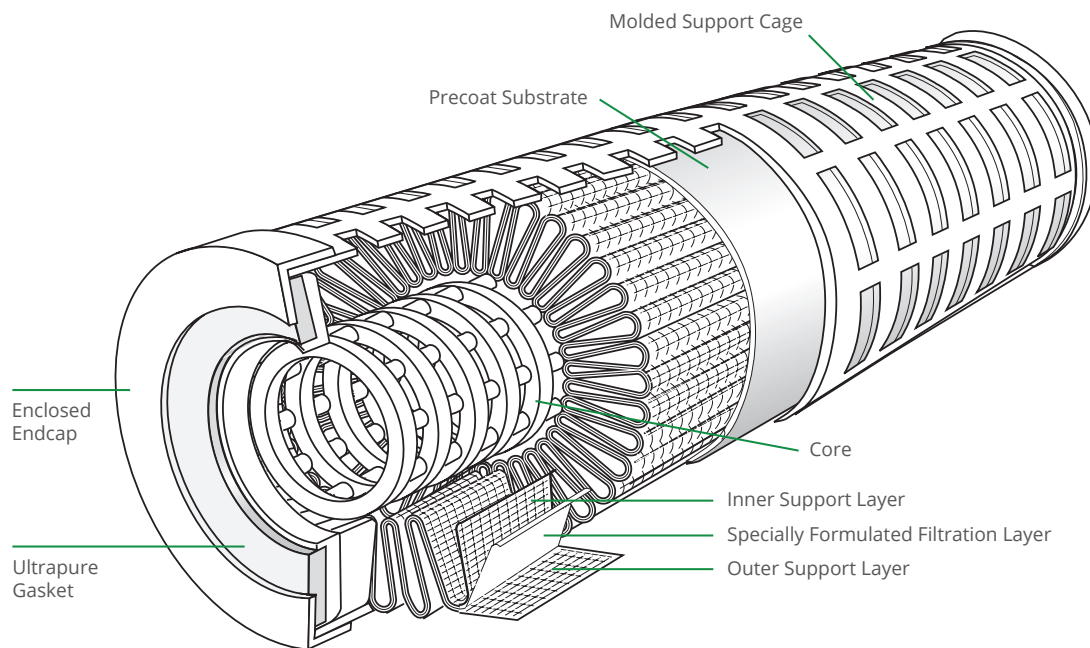
40 psid @ 180°F (2.8 bar @ 85°C)

Graver Aegis DualGuard Septa are unique two-phase backwashable filters that facilitate both dissolved ion contaminant and particulate reduction. The outer layer may be constructed with filament windings for optimum precoat processing, or with a membrane sheath that provides integrated dual phase particulate filtration at optimum efficiency. The inner phase is constructed with pleated polypropylene media in a wide choice of pore sizes.

DualGuard Septa are available in top and bottom tube sheet designs for all manufacturers' vessels with an assortment of end fittings available to custom fit or improve each plant's specific installation requirements.

### FEATURES & BENEFITS

- The optimum precoat surface allows for the distribution and sustainability of an evenly thin layer precoat for optimum performance
- High surface area of pleated media
- Pleated media available in 1 micron to 25 micron pore sizes to meet the specific filtration requirements
- Septa can be precoated when needed, or operated in a naked filtration mode as required by a system's specific operating requirements
- Improved backwash ability
- Low pressure drop
- Unique high purity gaskets will not cause chemistry excursions
- Rugged construction made for intended service



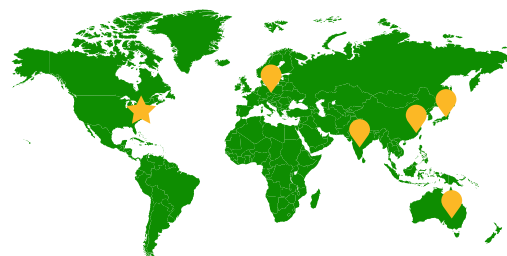
## SUPERIOR PRODUCTS AND GLOBAL REACH

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 TECHNOLOGIES WORLDWIDE LOCATIONS



★ Headquarters    ● Locations



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## DISTRIBUTED BY



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