

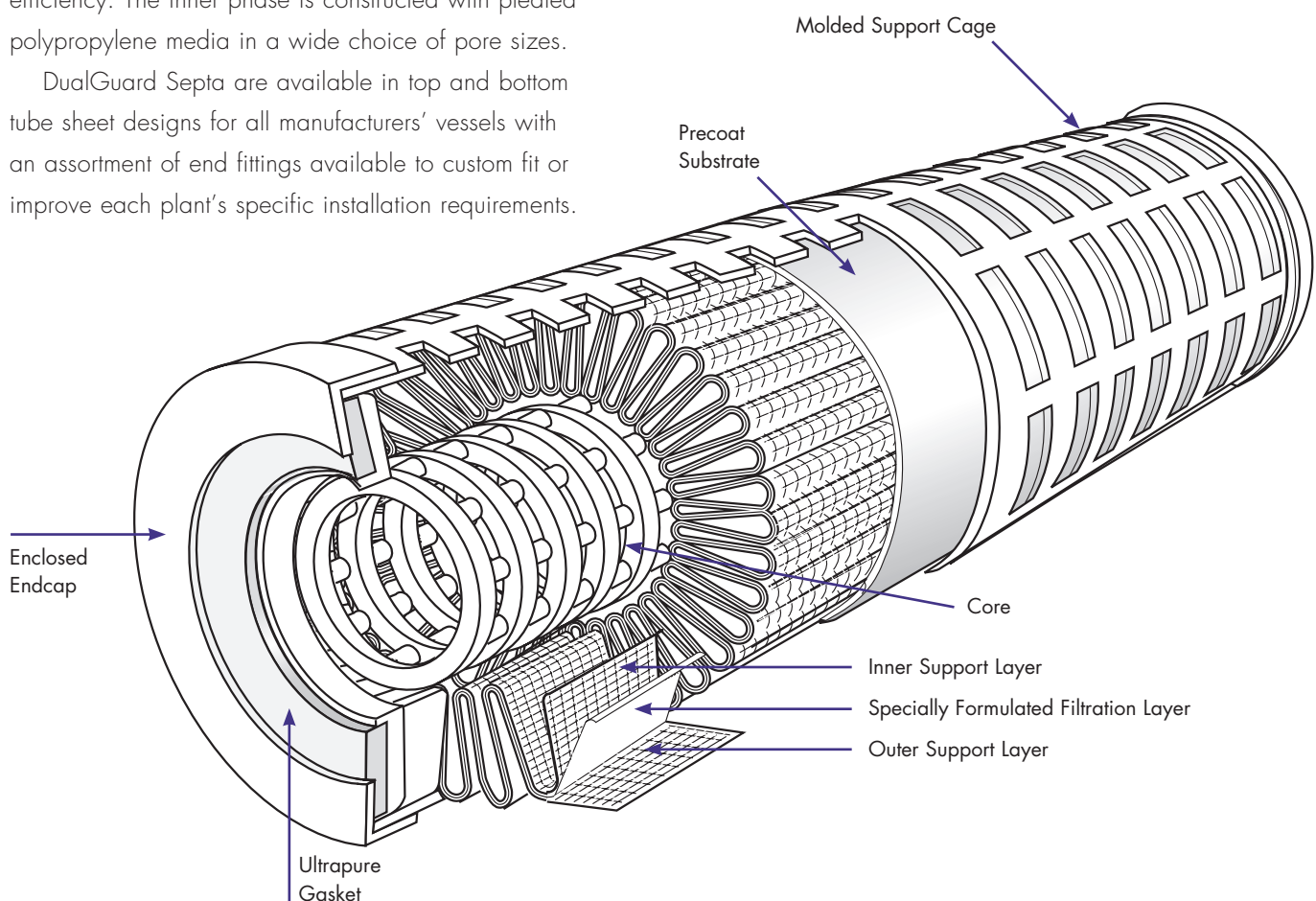
DUALGUARD®

High Performance Water Treatment for Power Generation

Aegis® DualGuard® Condensate Polishing Septa

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.



Aegis DualGuard deliver revolutionary features and benefits in easy-to-use formulations

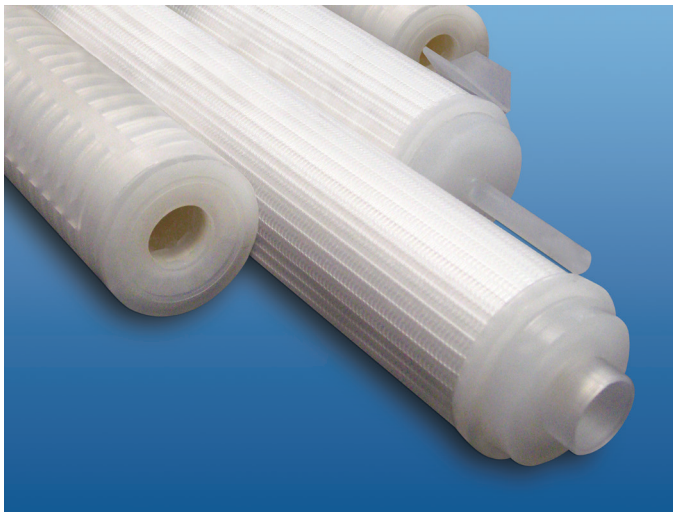
FEATURES

- > 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

BENEFITS

- > Improved backwash ability
- > Low pressure drop
- > Unique high purity gaskets will not cause chemistry excursions
- > Rugged construction made for intended service

Aegis® DualGuard® Condensate Polishing Septa



Graver Technologies Worldwide Locations



Filter Specifications

Media	Polypropylene	
Inner Core	Polypropylene	Polypropylene
End Caps	Polypropylene	Polypropylene
Cage	Polypropylene	Polypropylene
Gaskets/ O-Rings Options	EDM Sulfur Free	
Micron Ratings	1, 3, 5, 10, 25µm	
	Other micron rated media available upon request	
DIMENSIONS		
Nominal Lengths	50" (1,270 mm)	60" (1,524 mm)
	70" (1,778 mm)	80" (2,032 mm)
Outside Diameter	2.50" (63.5 mm)	
Inside Diameter	1" (25.4 mm)	
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)	

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

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