

### AEGIS® DualGuard® Condensate Polishing Septa

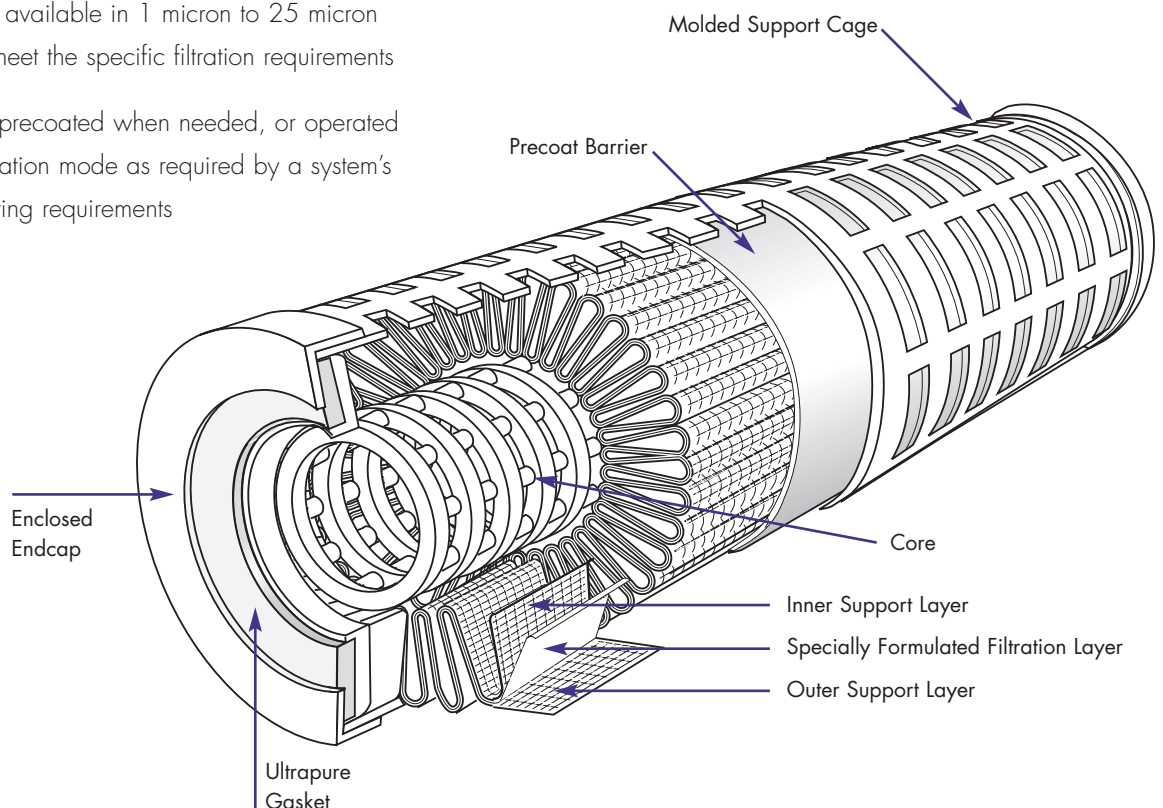
**Graver Aegis DualGuard Septa** are unique two-phase backwashable filters that facilitate both dissolved ion contaminant and particulate reduction. The outer layer may be constructed with filament windings for optimum precoat processing, or with a membrane sheath that provides integrated dual phase 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.



#### 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



# AEGIS® DualGuard®

## Condensate Polishing Septa

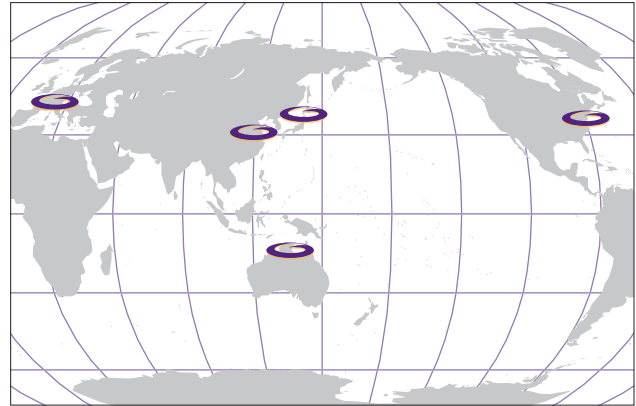
### SEPTA SPECIFICATIONS

Media	Polypropylene	
Inner Core	Polypropylene	Polypropylene
End Caps	Polypropylene	Polypropylene
Cage	Polypropylene	Polypropylene
Gaskets/O-Rings Options	EPDM Sulfur Free	
Micron Ratings	1.0, 2.0, 5.0, 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	2½" (63.5 mm)	
Inside Diameter	1" (25.4 mm)	
Maximum Operating Temperature	Polypropylene: 180°F (85°C)	
Polypropylene Maximum Collapse Pressure	130 psid @ 70°F (8.9 bar @ 21°C) 40 psid @ 180°F (2.8 bar @ 85°C)	

### Graver Technologies' Worldwide Locations



### Superior Products & Global Reach

Graver is the global leader in high purity and condensate water treatment for power generation applications. Including both ion exchange and backwashable septa and filters.

Our innovative technology and products enable our customers to consistently meet today's tougher requirements for purity.

Graver's products treat more than 6.5 billion gallons of process water every day in over 38 countries. Over 75 percent of the nuclear powered generation plants, worldwide, use our technology. Graver has achieved this by consistently delivering dependable, high performance technology and products.

Whether your business is around the corner or around the world, Graver Technologies can support you with superior products and services.

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ISO 9001:2000  
FM 38860

GTX-500 4/2009