



Graver Technologies

ADDvantage™ Precoatable Backwashable Filter Elements

The ADDvantage precoatable filter element was specifically engineered to meet the performance requirements of condensate systems. Multi-layer construction provides an outer layer of fixed pore media that provides an excellent surface for applying a uniform precoat. Resin and iron oxide particles are also prevented from going downstream of the filter by this uniform rigid matrix pore structure.

A graded density construction of the filter element is achieved by manufacturing the element with several different layers of filter media. An outer layer is designed to keep resin and iron oxide particles on the surface of the filter and from penetrating the filter media, or going downstream of the filter. The inner layer has an open pore structure which allows backwash water to flow freely through the media, resulting in excellent backwash performance. In addition, each of the individual fibers of the media are thermo-bonded to each other, providing a fixed pore construction. This results in the filter's ability to prevent unloading of contaminants under high differential pressure.

Thermo-bonding of the individual fibers and the multi-layer construction yields an extremely durable and rigid filter element. This unique construction will maintain the integrity of the filter element after years of precoating and backwashing.

Filter Features

- Fixed pore construction eliminates dirt unloading as differential pressure increases
- Precoatable with POWDEX®, ECODEX® and other powdered ion exchange resins
- Low pressure drop
- No media migration
- Easy and economical disposal methods:
 - Incinerable
 - Crushable
 - Shreddable
- Multi-layered engineered construction



Filter Specifications

Media:	Polypropylene
Inner core:	Polypropylene
End caps:	Polypropylene
Cage:	Polypropylene

Dimensions

Nominal lengths:	50" 60" 70" 80" (127, 152.4, 177.8, 203.2 cm)
Outside diameter:	2.0" (5.1 cm)
Inside diameter:	1.0" (2.54 cm)
Maximum operating temperature:	175°F (80°C)
Maximum collapse pressure:	50 psid @ 70 °F (3.4 bar @ 21°C)

Filter Selection & Ordering Guide for ADDvantage Series *(Select one from each column)*

Filter Type	Length Inches	Media Type	End Fitting	Gasket O-rings
0A	50 60 70 80	Polypropylene – 0	Sealfast™ – 7 SureSeal™ – 8	None – 0
Example of a Typical ADDvantage Series Filter Selection				
0A	– 60 60 inches	– 0 Polypropylene Construction	– 7 Sealfast	– 0 None



Key for filter selection guide

- 7 Sealfast
- 8 SureSeal

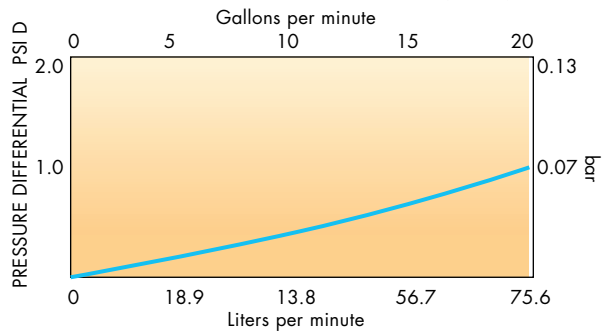
Need more information?

ADDvantage™ filter elements and the line of AEGIS® precoatable/non-precoatable filter elements are members of Graver Technologies' family of purification products. They can be ordered individually or can be provided as part of Graver Technologies' Extended Service Programs (ESP). For current information on size, availability and prices, please contact Graver Technologies at **1-800-249-1990** or e-mail us at info@gravertech.com

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FLOW RATE vs PRESSURE DROP PER 10" LENGTH POLYPROPYLENE FILTER @ 70°F (21°C)



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