



# ALARIS SERIES

## High Efficiency Pleated Filter Cartridges

- 100% polypropylene
- 90% and 99.98% efficiency grades
- FDA Title 21 compliant

Pleated element with exceptional dirt holding capabilities.



### SUITABLE USES



Desalination



Coolant



Water



Electronics



Chemical



Pulp & Paper



Power



Marine

### ADDITIONAL FEATURES

Alaris Series cartridges are available in both 90% and 99.98% efficiencies

End caps are thermally bonded

Ultrasonic welded media seams

No pleat binding for increased dirt loading capacity

In house testing with a capillary flow porometer guarantees a superior and consistent product

Final, one piece construction up to 40" long ensures zero bypass

For more information, e-mail:  
[info@fil-trek.com](mailto:info@fil-trek.com) or visit [Fil-Trek.com](http://Fil-Trek.com)

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## ELEMENT SPECIFICATIONS

<b>OUTSIDE DIAMETER</b> Netted = 2.6" (6.60 cm) Hard Cage = 2.65" (6.73 cm)	<b>FILTER MEDIA &amp; SUPPORT LAYERS</b> Polypropylene
<b>INSIDE DIAMETER</b> 1.0" (2.54)	<b>INNER CORE, END CAPS, CAGE</b> Polypropylene
<b>AVAILABLE LENGTHS</b> 9.75", 10", 19.5", 20", 29.25", 30", 39", 40", (24.38, 25, 49.53, 50.8, 74.26, 76.2, 99.06, 101.6 cm)	<b>GASKETS/O-RINGS</b> Buna-N, EPDM, Silicone, Viton, TEV, Neoprene
<b>SURFACE AREA</b> Up to 5.5 ft <sup>2</sup> (0.23m <sup>2</sup> ) on effective filtration area per 10" equivalent, dependent upon micron rating	<b>PERFORMANCE SPECIFICATIONS</b> Retention ratings of 90% and 99.98% at: 0.02, 0.45, 1, 3, 5, 10, 25 and 50 micron
<b>TOXICITY &amp; FDA LISTED MATERIALS</b> FDA Title 21, 174.5 and 177.1520 compliant Manufactured from materials which are FDA listed for food contact applications Free of surfactantssm resins, binders, adhesives, additives or other manufacturing agents	<b>OPERATING CONDITIONS</b> Maximum Differential Pressure: 35 PSID @ 180°F (49°C) Reccomended Change Out Pressure: 15 PSID (1.03 bar)

### STERILIZATION

Multitple autoclaving for 30 minutes at 250°F (121°C) under no end load conditions. In-line steam sterilization is not recommended. May be in-line sanitized with hot water at 180°F (82°C) for one hour

## COMPATIBLE HOUSINGS

GL Series



EAQ Series



MPH Series



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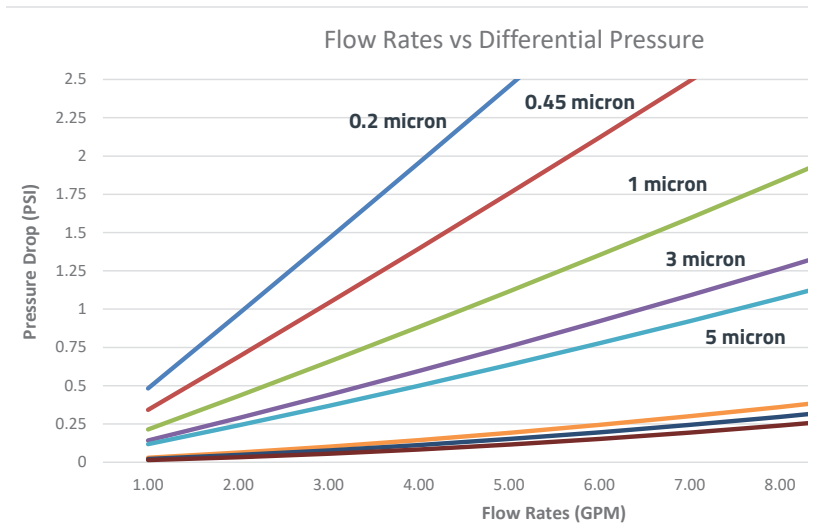
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### AVAILABLE END CAPS



### FLOW CHART



Liquid: Water @ 68°F

Cartridge Size: 2/12" OD x 10"

6.00 micron

7.00 micron

8.00 micron

### PRODUCT NOMENCLATURE

AS	N	PO	5	40	BN	E2	R
ALARIS SERIES	FILTER WRAP	MEDIA	MICRON	LENGTH	O-RING	END CAP	OTHER
AS-90% AG-99.98%	N-Netted (2.6) H-Hard Cage (2.65)	PO-Polypropylene	0.2-0.2 0.45-0.45 1-1 3-3 5-5 10-10 25-25 50-50	9.75-9.75 (2) 10-10 19.5-19.5 (2) 20-20 29.25-29.25 (2) 30-30 39-39 (2) 40-40	BN-BUNA EP-EPDM SI-Silicone VI-Viton NP-Neoprene	E2-DOE w/Gaskets E4-222/Flat Single Open End E5-222/Fin Single Open End E6-226/Flat Single Open End (1) E7-226/Fin Single Open End (1) E8-SOE w/Plastic Spring & 222 E9-SOE w/Spring E21-226 w/Spring A-Custom	R-18 Mega OHM Rinse

(1) Available in hard cage only (2) Available in netted cage only

\*Polyester available upon request