



# 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

OUTSIDE DIAMETER	FILTER MEDIA & SUPPORT LAYERS
Netted = 2.6" (6.60 cm) Hard Cage = 2.65" (6.73 cm)	Polypropylene
INSIDE DIAMETER	INNER CORE, END CAPS, CAGE
1.0" (2.54)	Polypropylene
AVAILABLE LENGTHS	GASKETS/O-RINGS
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)	Buna-N, EPDM, Silicone, Viton, TEV, Neoprene
SURFACE AREA	PERFORMANCE SPECIFICATIONS
Up to 5.5 ft <sup>2</sup> (0.23m <sup>2</sup> ) on effective filtration area per 10" equivalent, dependent upon micron rating	Retention ratings of 90% and 99.98% at: 0.02, 0.45, 1, 3, 5, 10, 25 and 50 micron
TOXICITY & FDA LISTED MATERIALS	OPERATING CONDITIONS
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	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



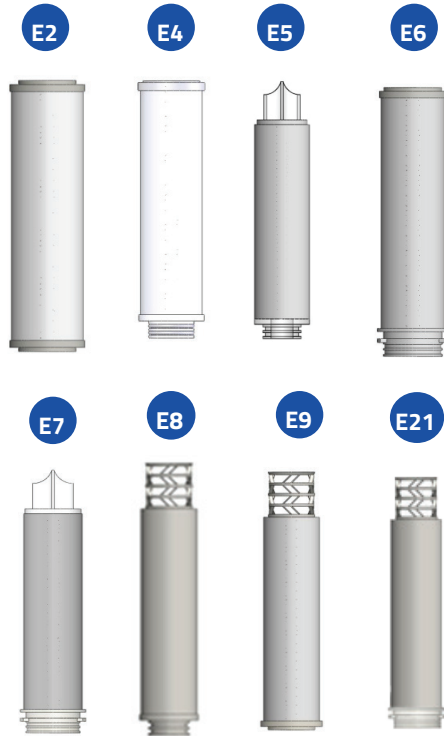
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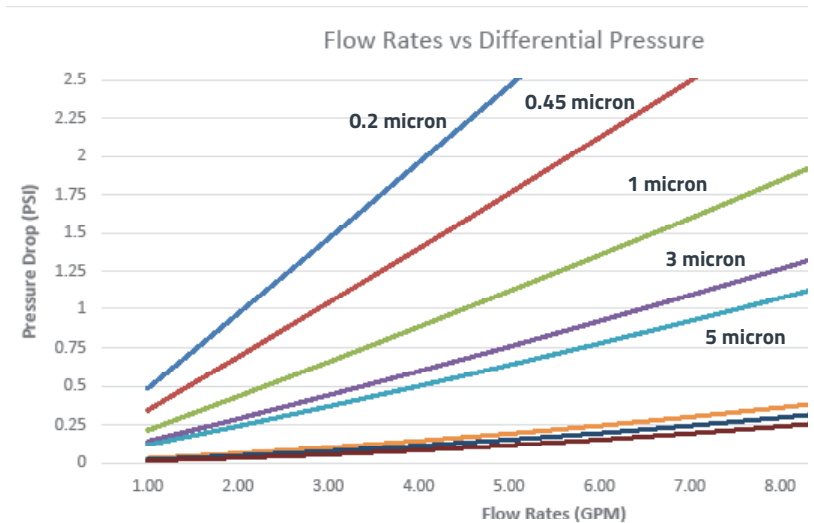
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### AVAILABLE END CAPS



### 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	D1	40	BN	E2	R
<b>ALARIS SERIES</b>	<b>FILTER WRAP</b>	<b>MEDIA</b>	<b>MICRON</b>	<b>OD</b>	<b>LENGTH</b>	<b>O-RING</b>	<b>END CAP</b>	<b>OTHER</b>
AS-90% AG-99.98%	N-Netted H-Hard Cage	PO-Polypropylene	0.2-0.2 0.45-0.45 1-1 3-3 5-5 10-10 25-25 50-50	D1 - 2.5" D2 - 2.65"	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



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