



STRATIS GOLD

Absolute Rated Meltblown Cartridge Filters

- Absolute rated at 99.9%
- Complies with NSF/ANSI/CAN 61
- FDA certified polypropylene media

Economical meltblown filters suitable for a variety of applications where absolute rated filtration is required.



SUITABLE USES



Air & Gas



Desalination



Coolant



Water



Electronics



Coatings



Food & Beverage



Oil & Gas



Chemical



Pulp & Paper



Power



Marine



Equipment

ADDITIONAL FEATURES

Thermally bonded 2.5" OD with a molded centre core elements with excellent dirt holding capabilities.

True graded pore structure, is achieved by the four zone melt blown depth.

Effective removal at 99.9% nominal efficiency from 0.3 to 70µm range.

100 % polypropylene – FDA and complies with NSF/ANSI/CAN 61.

Components are safe for use in pharmaceutical applications and meet USP Class VI.

Elements are free of binders, surfactants and adhesives.



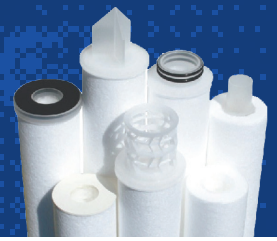
CERTIFIED TO
ANSI/NSF 61

For more information, please contact
info@fil-trek.com or visit Fil-Trek.com

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STANDARD SPECIFICATIONS

MAXIMUM DIFFERENTIAL PRESSURE	150 PSID (10.3 bar) @ 68°F (20°C) 90 PSID (6.2 bar) @ 150°F (66°C) 35 PSID (2.4 bar) @ 176°F (80°C)
RECOMMENDED CHANGE OUT PRESSURE	35 PSID (2.4 bar)
MAX. OPERATING TEMPERATURE	180°F (82.2°C)
DIMENSIONS	
Outside Diameter	2.5" (6.35 cm), 4.5" (11.43 cm)
Inside Diameter	1.0" (2.54 cm)
Available Lengths	10", 20", 30", 40" (25.4 cm, 50.8 cm, 76.2cm, 101.6 cm)
MEDIA, END CAPS, CORE	Polypropylene
GASKETS/O-RINGS	Buna-N, EPDM, Silicone, Viton, Teflon encap. Viton
MICRON RATINGS	0.3, 0.5, 1, 3, 5, 10, 20, 30, 50, 70
CERTIFICATIONS	
USP Class VI	All components meet USP Class VI criteria and are safe for use in pharmaceutical applications
FDA Listed Materials	All materials comply with FDA Title 21 of the Code of Federal Regulations Sections 174.5 and 177.1520 as applicable for food and beverage contact.
NSF/ANSI/CAN 61	Complies with NSF/ANSI/CAN 61 for materials requirements only. *Applicable for E1, E3 and E9 end configurations only

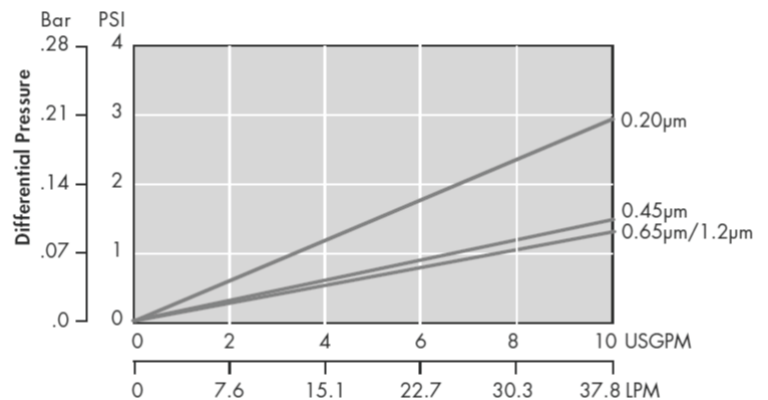
STEAM/AUTOClave

Stratis single open end style filters may be autoclaved under no end load conditions for 30 minutes at 121°C. Filters should be cooled to normal operating temperatures prior to use.

FILTER REMOVAL EFFICIENCY

MICRON	99.9% Beta 1000	99% Beta 100	90% Beta 10
0.5 micron	0.6	0.5	0.4
1 micron	1.0	0.8	0.5
3 micron	3	2.3	1.4
5 micron	5	4.0	2.7
10 micron	10	7	4
20 micron	20	15	12
30 micron	30	20	14
50 micron	50	34	25
70 micron	70	50	39

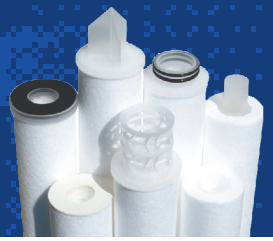
FLOW RATE



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AVAILABLE END CAP TREATMENTS

E1	E2	E3	E4	E5	E6	E7	E8	E9	E16
E1 DOE w/ Cut Ends	E2 DOE w/ Gaskets	E3 DOE w/ Extended Core	E4 SOE w/ 222	E5 222 w/ Fin	E6 SOE w/ 226	E7 226 w/ Fin	E8 222 w/ Plastic Spring	E9 Self Seal Spring End	E16 Direct Bond Gaskets

PRODUCT NOMENCLATURE

STG	1	1	30	E2	BN
MODEL	MICRON	OUTSIDE DIAMETER	LENGTH	END CAP	O-RING/GASKET
STG – Stratis Gold Series	0.3 10 0.5 20 1 30 3 50 5 70	D1 – 2.5 D6 – 4.5	10 20 30 40	E1 – DOE w/ Cut Ends E2 – DOE w/ Gaskets E3 – DOE w/ Extended Core E4 – 222/Flat Single Open End E5 – 222/Fin Single Open End E6 – 226/Flat Single Open End E7 – 226/Fin Single Open End E8 – 222 w/ Plastic Spring E9 – Self Seal Spring (one end only) E16 – Direct Bond Gasket	NN – None (E1 only) BN – Buna-N EP – EPDM SI – Silicone VI – Viton TEV – Teflon encap. Viton* <i>*O-rings only</i>