

Stratum™ C Series Melt Blown Filter Cartridges

High Performance Filters

For critical customer applications requiring precise and repeatable depth filtration, the Graver Stratum C series melt blown filters deliver exceptional performance. With a multi-zoned construction, true clarifying filtration is achieved with no unloading of captured contaminant.

Stratum Series Features - Benefits

- Multi-zone melt blown depth filter with a true graded pore structure
- Thermally bonded fibers for high void volume and long on-stream life
- Available in precise 90% removal efficiencies from 0.5 to 75 microns
- 100% polypropylene – FDA listed materials of construction
- All components meet USP Class VI criteria and are safe for use in pharmaceutical applications
- Molded center core for higher temperature and pressure capability
- Free of surfactants, binders and adhesives

Filter Specifications

Media:	Polypropylene
End caps/center core:	Polypropylene
Gaskets/O-rings:	Silicone, EPDM, Buna N, Santoprene, Viton and Teflon encapsulated Viton (o-rings only)
Micron ratings:	0.5, 1, 3, 5, 10, 20, 50, 75

Dimensions

Nominal lengths:	4, 5, 9.75, 10, 19.5, 20, 29.25, 30, 39, 40 inches (10.2, 12.7, 24.8, 25.4, 49.5, 50.8, 74.3, 76.2, 99.1, 101.6 cm)
Outside diameter:	2.5 in (6.35 cm)
Inside diameter:	1 in (2.54 cm)

Operating Conditions

Maximum differential pressure:	150 psid @ 68°F (10.3 bar @ 20°C) 90 psid @ 150°F (6.2 bar @ 66°C) 35 psid @ 176°F (2.4 bar @ 80°C)
Recommended changeout differential pressure:	35psid (2.4 bar)
Steam Sterilization:	Stratum 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.



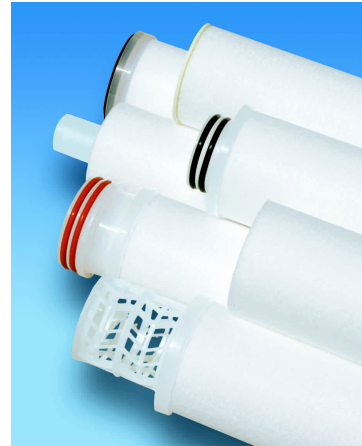
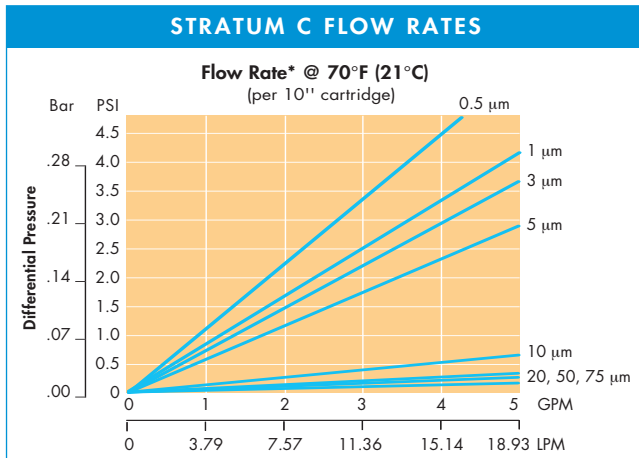
Applications

- Chemicals
- Paint/Ink
- Water
- Plating
- Pharmaceuticals
- Food and beverages
- Microelectronics
- Cosmetics

Stratum C Series Nomenclature Information

STC	5	-10	P3	V
Product Series	Retention Rating (microns)	Length (inches)	End Configuration	Gasket or O-Ring
STC - Stratum C Series	0.5 1 3 5 10 20 50 75	4 5 9.75 10 19.5 20 29.25 30 39 40	P Double Open End (hard endcaps) P2 226/Flat Single Open End P3 222/Flat Single Open End P6 Self-Seal Spring on One End P7 226/Fin Single Open End P8 222/Fin Single Open End PX Extended Core N None (Cut Ends) DBG Direct Bond Santoprene Gaskets AM Single Open End, Internal O-Ring	S Silicone B Buna-N E EPDM V Viton T Teflon encap. Viton (O-Rings only) N None

Example: STC 5-10 P3V



Give us a call or check out our website for more information:

Albany Office: 518-583-2203
 Buffalo Office: 716-649-2326
 Syracuse Office: 315-488-2222
 Website: www.filtersource.com