



## CSTA Absolute Rated Filter Cartridge

*CSTA Series is developed with graded pore structure, which provides high dirt holding capacity and filtration efficiency. It has an excellent advantage of non-fiber releasing, which indeed delivers superior performance. This series is commonly used in food and beverage industry such as brewery and winery. In these applications, diatomaceous earth (D.E.) is commonly used. This series reduces extraneous D.E. fines that randomly pass from the D.E. filter during normal filter operation. It prevents downstream equipment and piping from D.E. contamination. CSTA can be also applied to general water application in wine and beer production process.*

- Absolute rated at 99% efficiency with retention
- Manufactured under a certified ISO 9001 quality system
- NSF Certified



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### Product Specifications

#### Materials of Construction

- Filter Media: Advanced Melt Blown Polypropylene
- Center Core: Polypropylene
- End Caps: Polypropylene
- Gaskets/Orings: PE Gaskets, Silicone, Buna-N, EPDM, Viton

#### Dimensions

- Outside Diameter: 2.5" (63mm)
- Inside Diameter: 1.1" (28mm)
- Lengths: 10", 20", 30", 40"

### Performance Specifications

#### Retention Ratings

- 0.5, 1, 3, 5, 10, 20, 30, 50, 75µm Absolute

#### Operating Conditions

- Maximum Operating Temperature: 167° F (75°C)
- Recommended Change Out Differential Pressure: 35 psid (2.4 bar)



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## FDA Listed Materials

Manufactured from materials which are FDA listed for food contact applications in Title 21 of the U.S. Code of Federal Regulations.

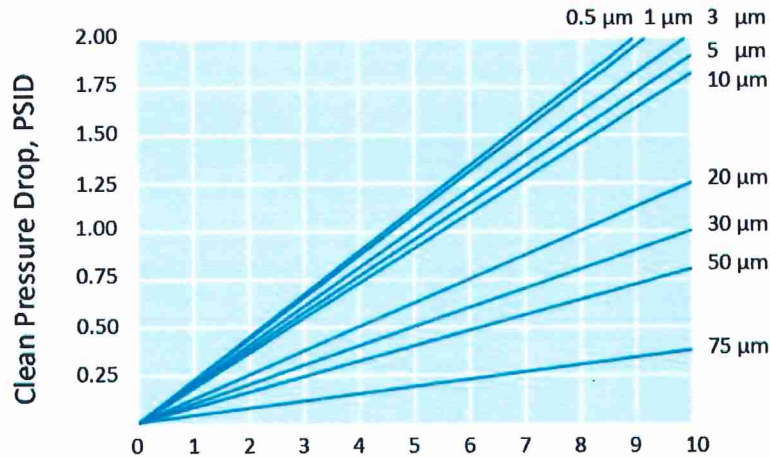
## Purity

All CSTA series filter cartridges are free of surfactants, anti-static agents, binders and adhesives.

## Toxicity

All cartridge components meet USP-XXIII, Class V Criteria.

## Liquid Flow Rate vs. Initial Differential Pressure



Flow Rate, GPM, Water@AMB.

Flow rate is per 10" cartridge. For liquids other than water, multiply the pressure drop by the fluid viscosity in centipoises

## Ordering Information

CSTA	5-	30	P1	7	S
Product Name	Retention Rating	Length	Core Material	End Configuration	Gasket/O-ring Material
CSTA	0.5, 1, 3, 5, 10, 20, 30, 50, 75 μm	10" 20" 30" 40"	P=PP	PE=PE Gaskets No Symbol=DOE Code 3=222 / Flat Code 8=222 / Fin Code 7=226 / Fin, Bayonet	N=Buna-N E=EPDM V=Viton S=Silicone