

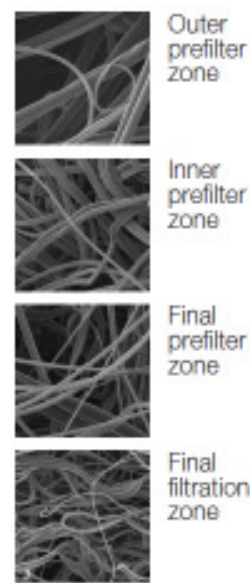


VULCASCOT

# VULCOSTAR CLEAR DF SC Filter Cartridges

## High Performance Filters

For critical customer applications requiring precise and repeatable depth filtration, the **Vulcostar Clear DF SC** melt blown depth filters deliver exceptional performance. With a multi-zoned construction, true clarifying filtration is achieved with no unloading of captured contaminant



## Typical Applications

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

## 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% pure virgin polypropylene
- Molded center core for higher temperature and pressure capability
- Free of surfactants, binders and adhesives.

## Product 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" (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" (6.35 cm), 2,63" (6.7 cm) Endcapped
Inside diameter:	1" in (2.54 cm)

## Operating Parameters

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)
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Recommended change out differential pressure: 35psid (2.4 bar)

Steam Sterilization: **Vulcostar Clear DF SC** 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.





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## Certifications

- **USP Class VI** - Meets USP Class VI Biological Test for Plastics
- **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 61** – Certified to NSF/ANSI STD 61 for materials requirements only – Component



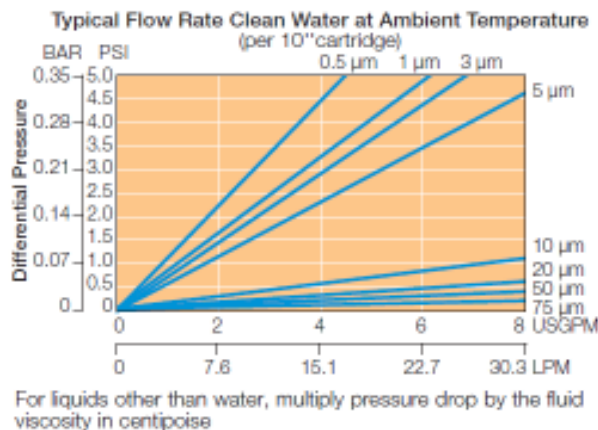
Certified to  
NSF/ANSI Standard 61 for  
materials requirements only.  
**COMPONENT**

## Order Information

### Example

DF SC	0.5	-10	P7	S
Filter type	Retention rating	Nominal length ``	End configuration	Gasket or O ring
	0.5	- 4	<b>P</b> Double Open End	<b>S</b> Silicone
	1	- 5	<b>P2</b> 226/Flat Single Open End	<b>B</b> Buna-N
	3	- 9.75	<b>P3</b> 222/Flat Single Open End	<b>E</b> EPDM
	5	- 10	<b>P6</b> Self-SealSpring on one end	<b>V</b> Viton
	10	- 19.5	<b>P7</b> 226/Fin Single Open End	<b>T</b> Teflon endcap
	20	- 20	<b>P8</b> 222/Fin Single Open End	Viton (O-Rings only)
	50	- 29.25	<b>PX</b> Extended Core	<b>N</b> None
	70	- 30	<b>N</b> None ( Cut ends )	
	70	- 39	<b>AM</b> Single open end, internal O-Ring	
		- 40	<b>DBG</b> Direct Bond Santoprene Gaskets	

## Vulcostar Clear DF SC – Flow Rate



All information and recommendations appearing in this bulletin concerning the use of products described herein are based on tests believed to be reliable. However, it is the user's responsibility to determine the suitability for his own use of such products. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by Vulcascot as to the effects of such use or the results to be obtained. Vulcascot assumes no liability arising out of the use by others of such products. Nor is the information herein to be construed as absolutely complete, since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.

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