



# HCS SERIES

## Pleated Synthetic Cartridges

- Pleated Synthetic Cartridges
- 98% Efficiency
- Outside to Inside flow path

Ideal for the filtration of water, water based fluids, and chemicals. Synthetic media offers a wide chemical compatibility and is most resistance to swelling in aqueous solutions and provides high dirt holding capabilities.



### SUITABLE USES



Air & Gas



Oil & Gas



Chemical



Coolant

### ADDITIONAL FEATURES

HCS series elements rated at 98% removal efficiency.

Plated steel end caps and core help protect the element.

Available in micron ratings from 0.5  $\mu\text{m}$  to 40 $\mu\text{m}$ .

Synthetic material allows for a longer life then with a pleated paper element.

High flow rates with low pressure drops and offers excellent temperature resistance.

Available in 2.5", 4.5" and 6" diameters.

Spiral formed, plated steel center cores are standard to prevent cartridge collapse at high differential pressures.

Elements come standard with Buna-N gaskets.

Can be used to replace other manufacturers cartridges.

*For custom applications,  
please contact factory for more details.:  
[info@fil-trek.com](mailto:info@fil-trek.com) or visit [Fil-Trek.com](http://Fil-Trek.com)*

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## ELEMENT SPECIFICATIONS

<b>MAX.DIFFERENTIAL PRESSURE</b>	75 PSID
<b>REC. CHANGE-OUT PRESSURE</b>	20 PSID
<b>MAX. TEMPERATURE</b>	275°F (135°C)
<b>EFFIECIENCY</b>	98%
<b>FLOW PATH</b>	Outside to inside
<b>MICRON RATINGS</b>	0.5, 1, 3, 5, 10, 25, 40
<b>MATERIALS OF CONSTRUCTION</b>	
Media	Microglass, polyester/microglass blend, polyester <i>Refer to Element Construction Style table</i>
Core and End Caps	Steel
Gaskets	Buna-N standard Viton
Options	Outer steel wrap, handle

## AVAILABLE SIZES/DIMENSIONS

MODEL	OD	ID	LENGTH
HCS209	2.5"	1.10"	9.875"
HCS511	4.5"	1.75"	11"
HCS518	4.5"	1.75"	18"
HCS618	6.0"	3.50"	18"
HCS636	6.0"	3.50"	36"
HCS718	6.0"	2.625"	18"
HCS736	6.0"	2.625"	36"

*Additional sizes/lengths available, please contact Fil-Trek.*

## ELEMENT CONSTRUCTION STYLE

MICRON RATING	MEDIA
0.5, 1, 3	Microglass
5, 10	Microglass/polyester blend
20, 40	Polyester

## PRODUCT NOMENCLATURE

HCS	636	1	
MODEL	SIZE	MICRON RATING	MISC OPTIONS
• HCS - HCS Series	• See size table above	• 0.5 1 3 5	• VI - Viton gasket DZ - Custom ID W - Outer steel wrap H - Handle