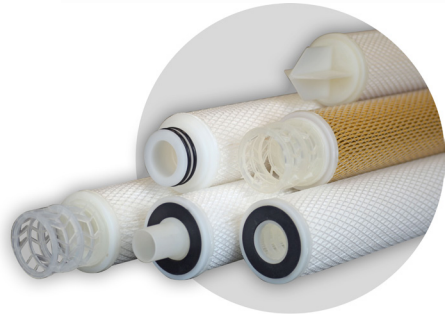
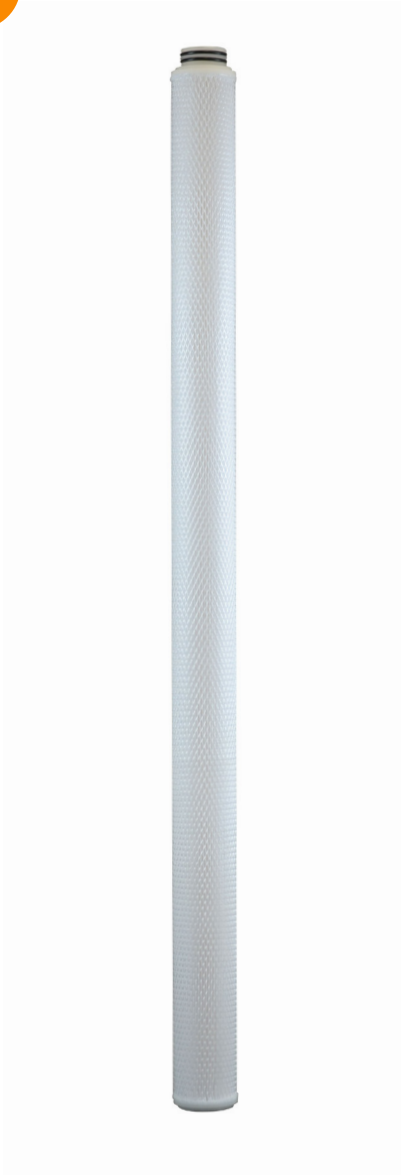


# CLARIFY™ 250 SERIES



## Cost Effective Filtration

FTC's Clarify 250 series pleated cartridges are designed to efficiently remove a large range of solids from process streams. Each cartridge has a pleated, fixed pore media which maximizes effective surface area while preventing particle unloading and fiber migration. Absolute media micron ratings range from 0.5 to 100 micron.

Based on similar flow rates, FTC Clarify 250 Series filters have up to 4 times the dirt holding capacity of typical string wound cartridges and up to twice the dirt holding capacity of typical spun bonded filters.

## Benefits

- Provides significantly greater dirt holding than string wound and spun bonded elements
- Simple installation with various end cap and seal material options to ensure positive capture of contaminants
- Absolute Rated media for reliable results in any critical application
- Fixed pore media prevents particle unloading and allows for absolute rating
- Superior methods of construction combined with excellent quality control techniques, ensure that FTC filter cartridges will provide quality filtration in difficult operating conditions

## Common Applications

- Water and wastewater, process fluids, amines, glycols, hydrocarbons, brines, organic solvents, fuels, acids, bases

## Dimensions

Outside Diameter..... 2.50"  
Inside Diameter ..... 1.1"  
Length..... 19.5", 20", 29.25", 29.5", 29.75", 29.25",  
30", 36", 40"

## Materials of Construction

Filter Media..... Cellulose, Polypropylene,  
Micro-fiberglass, Nylon, Polyester  
Center Core..... Polypropylene, Tinned Steel, Stainless Steel  
Netting ..... Polypropylene, Polyester, Nylon  
End Caps..... Polypropylene, Tinned Steel, Stainless Steel

## PRODUCT SPECIFICATIONS

Micron Ratings @ 99.98% (beta 5000): 0.5, 2, 5, 10, 20, 40, 70 and 100 micron

Surface Area: Up to 5.1 ft<sup>2</sup> per 10" of filter length

Maximum Operating Conditions: 185°F (85°C) continuous operating temperature

Recommended Flow Rate for Optimal Dirt Loading: 2.0 GPM per 10" of filter length

Recommended Differential Pressure for Change-out: 35 PSID

## MEDIA MICRON RATING AT EFFICIENCY

FILTER MODEL	0.5	2	5	10	20	40	70	100
99.00% (beta 100)	0.3	1	2	5	10	25	40	70
99.98% (beta 5000)	0.5	2	5	10	20	40	70	100

## DIRT HOLDING CAPACITY (LBS)\* per 10" length

FILTER MODEL	0.5	2	5	10	20	40	70	100
Pounds of Solids	0.50	0.61	0.65	0.65	0.65	0.67	0.70	0.74

## CLEAN PRESSURE DROP (PSID)\* per 10" length

FILTER MODEL	0.5	2	5	10	20	40	70	100
PSID @ 2 GPM	1.30	0.42	0.24	0.23	0.21	0.19	0.19	0.14
PSID @ 4 GPM	4.57	0.52	0.49	0.47	0.46	0.46	0.41	0.35
PSID @ 6 GPM	7.64	1.79	1.07	1.04	1.01	0.77	0.60	0.52
PSID @ 8 GPM	10.4	2.80	1.69	1.67	1.65	1.40	1.29	1.15

Data based on Filtration Technology Corporation Research and Development Center's standard test procedure. The reported data is based on the polypropylene filter models.

## CARTRIDGE CODING

Use the chart below to create cartridge part number for ordering. Please include dashes when creating part numbers.

	Clarify 250 Filter Series	Micron Rating @ 99.98%	Non-Media Components	Media	Length	End Cap Style	O-Ring
<b>EXAMPLE</b>	<b>AB</b>	<b>10</b>		<b>P</b>	<b>4</b>	<b>2</b>	<b>B</b>
<b>OPTIONS</b>		<b>0.5</b> = 0.5 Micron <b>02</b> = 2 Micron <b>05</b> = 5 Micron <b>10</b> = 10 Micron <b>20</b> = 20 Micron <b>40</b> = 40 Micron <b>70</b> = 70 Micron <b>100</b> = 100 Micron	<b>blank</b> Polypropylene <b>M</b> Tinned Steel <b>S</b> 304 Stainless Steel	<b>C</b> Cellulose <b>G</b> Glass <b>*P</b> Polypropylene <b>R</b> Polyester <b>N</b> Nylon	<b>2</b> - 29.75" <b>3</b> - 36" <b>4</b> - 40" <b>5</b> - 30" <b>6</b> - 29.25" <b>7</b> - 29.50" <b>8</b> - 19.50" <b>9</b> - 20"	<b>1</b> - DOE <b>2</b> - 222 O-ring <b>3</b> - SOE w/ Spring <b>7</b> - 222 w/ Fin	<b>B</b> Buna-N <b>E</b> EPDM <b>V</b> Viton® <b>S</b> Silicone

\* The raw polypropylene materials composing these filters are FDA compliant according to CFR Title 21

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