



## CLARIS® Series Filter Cartridges

### High Consistency Polypropylene Melt Blown Cartridge

- Graded Pore Structure Enhances Dirt Holding Capacity
- E-core, an Extruded Fibrous Core, Provides Excellent Strength
- Unique Proprietary Process
- Easy and Safe Cartridge Incineration and Disposal
- All Polypropylene Construction
- Free of Surfactants, Binders, and Adhesives
- NSF Certified

### Performance Specifications

#### Filter Grades:

1, 3, 5, 10, 20, 30, 50, 75 µm

#### Maximum Differential Pressure:

50 psid (3.45 bar) @ ambient  
25 psid (1.72 bar) @ 140°F (60°C)

#### Recommended Changeout Differential Pressure\*:

35 psid (2.41 bar)

#### FDA Listed Materials:

All materials are FDA listed for food and beverage contact.

#### Toxicity:

All polypropylene components meet USP, Class VI (121°C/250°F) toxicity criteria (Buna N gaskets/O-rings excluded).

#### Purity:

Claris Series filter cartridges are free of surfactants, anti-static agents, binders, and adhesives.

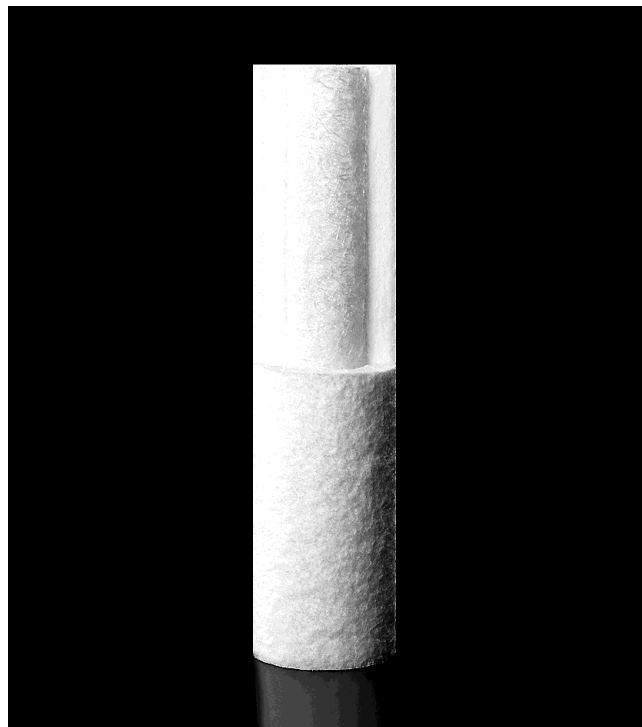
### Product Specifications

#### Materials of Construction:

Filter Media:	Polypropylene
Endcaps**:	Polypropylene
Extended Core**:	Stainless Steel
Extruded Core:	Polypropylene
Gaskets/O-rings**:	Silicone Elastomer, Buna N, Viton <sup>1</sup> A, EPDM, Polyethylene (PE)

#### Dimensions (nominal):

Outside Diameter:	2.5" (6.4 cm)
Inside Diameter:	1" (2.5 cm)
Lengths:	9.75" to 50" (24.8 cm to 127 cm)



COMPONENT

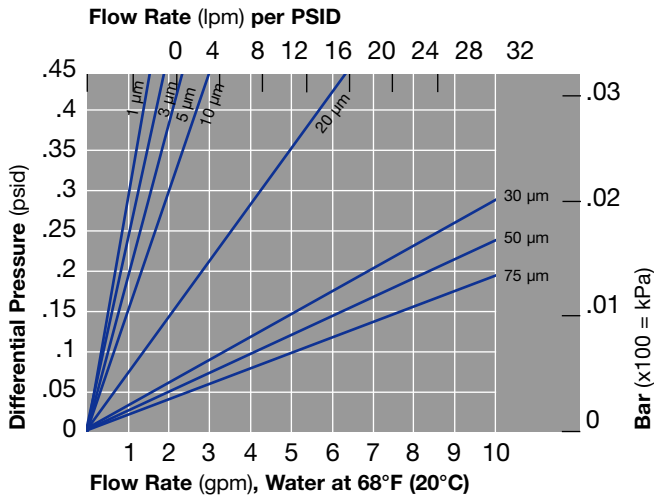
This Claris Series filter cartridge is tested and Certified by NSF International under ANSI/NSF Standard 42 for materials only.

\* Provided that the maximum differential pressure is not exceeded based on temperature limits defined above.

\*\* These components are not NSF certified.

<sup>1</sup> - Registered trademark of DuPont Dow

## Typical Flow vs. Differential Pressure for Application Sizing



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

### Part Numbers/Ordering Information

CLR ■ – ● ▼ ◆ (e.g. CLR 3–20DOES)

Code ■	Filter Grades*
1	1 μm
3	3 μm
5	5 μm
10	10 μm
20	20 μm
30	30 μm
50	50 μm
75	75 μm

\* Based on typical application usage.

\*\* For details, contact Pall Corporation.

Code ●	Cartridge Lengths (nominal)
9.75	9.75"
9.875	9.875"
10	10"
19.5	19.5"
20	20"
29.25	29.25"
29.5	29.5"
29.75	29.75"
30	30"
39	39"
40	40"
50	50"

Code ▼	End Configurations
Blank	DOE industrial (no endcaps)
DOE	DOE with elastomer gasket seal and endcaps
PE	DOE, polyethylene gasket seal
1X	DOE industrial, 1" stainless steel extended core
M3	SOE flat closed end, external 222 O-rings (retrofits other manufacturers' Code 0)**
M8	SOE fin end, external 222 O-rings (retrofits other manufacturers' Code 5)**
M18	SOE flat closed end, external single 222 O-ring

Code ◆	Gasket/O-ring Materials
S	Silicone
N	Buna N
E	EPDM
V	Viton A



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