



FILTER ELEMENTS AND CARTRIDGES



WATER FILTER SOLUTIONS FOR:



Home
Filtration



Municipal



Commercial



Well
Water



The Clear Leader In Water Filtration

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Home Filtration



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For nearly 40 years, Rusco has been known as the most durable sediment filter in the water filtration industry. Now Rusco is expanding its product line to filter even more applications!



MELT BLOWN

Melt Blown (Spun) filters are made of 3-4 different layers of various pore sizes with more dirt holding capacity than pleated filters. These filters are great at removing silt, oil, grease, dirt, rust/iron and particulates.



PLEATED

Pleated filters have the least amount of pressure drop due to the increased surface area. They are used for removing suspended solids and are the most resistant to chemicals and bacterial growth.



ACTIVATED CARBON

Activated carbon filters are formed using an extrusion process with the highest surface areas of any filter using adsorption to remove impurities such as organic compounds, taste, odor and chemicals from water.

SPECIFICATIONS

FLOW RATE UP TO 100 GPM

PRESSURE UP TO 50 PSI

MAX TEMP 150°F

MICRON RATING 1 - 150 µm

SPECIFICATIONS

FLOW RATE UP TO 100 GPM

PRESSURE UP TO 100 PSI

MAX TEMP 175°F

MICRON RATING 1 - 50 µm

SPECIFICATIONS

FLOW RATE UP TO 90 GPM

PRESSURE UP TO 75 PSI

MAX TEMP 125°F

MICRON RATING 5 - 10 µm

KEY FEATURES

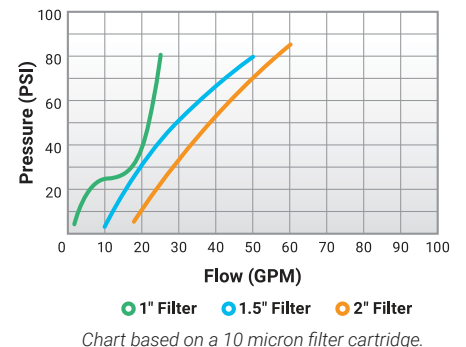
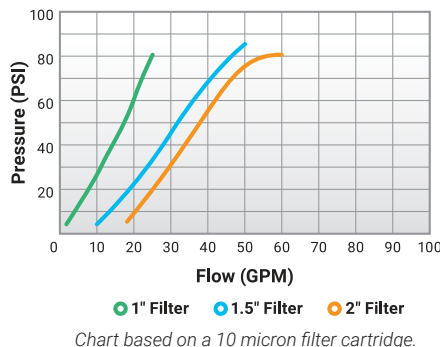
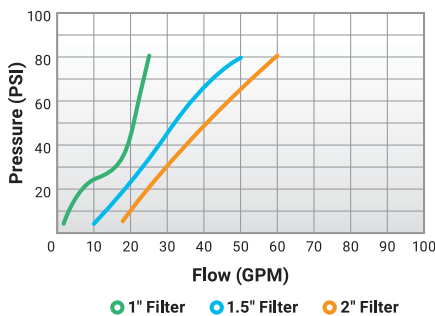
- ▶ High dirt holding capacity
- ▶ Broad chemical compatibility
- ▶ Made of 100% pure polypropylene
- ▶ Non-fiber releasing, suitable in relatively high temperatures

KEY FEATURES

- ▶ More surface area than other filters
- ▶ Reusable and washable
- ▶ Low pressure drop design
- ▶ Highly efficient micron removal

KEY FEATURES

- ▶ Good adsorption capacity
- ▶ Low pressure drop
- ▶ Non-carbon releasing design
- ▶ NSF certified and FDA approved materials



MELT BLOWN

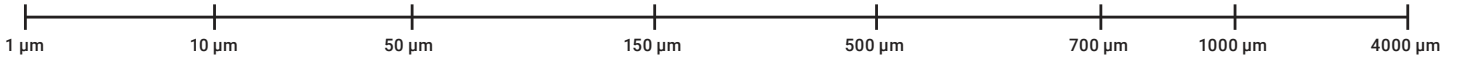
PLEATED

SS MESH

HD MESH

ACTIVATED CARBON*

POLY MESH



*Activated Carbon removes contaminants such as: VOCs, Lead, Chlorine, Organic Substances, Bad Taste & Odor



Relative size of particles in microns (µm)

Micron (µm) = a millionth of a meter or 1/1000 of a millimeter or 1/25,000 of an inch



POLY MESH

This durable polyester mesh material is chemical and bacterial resistant which makes it the perfect filter for lake and well-water.



SS MESH

Stainless steel mesh is a durable material perfect for applications using higher water temperatures or coarse particles. They are used for coarser sediment particulate.



HD MESH

The heavy duty stainless steel mesh is super durable and perfect for higher temperatures and very coarse or rocky abrasive particles.

SPECIFICATIONS

FLOW RATE	UP TO 100 GPM
PRESSURE	UP TO 150 PSI
MAX TEMP	120°F
MICRON RATING	15 - 700 µm

SPECIFICATIONS

FLOW RATE	UP TO 100 GPM
PRESSURE	UP TO 150 PSI
MAX TEMP	220°F (Hot Water Model)
MICRON RATING	75 - 500 µm

SPECIFICATIONS

FLOW RATE	UP TO 135 GPM
PRESSURE	UP TO 150 PSI
MAX TEMP	220°F (Hot Water Model)
MICRON RATING	1200 - 4000 µm

KEY FEATURES

- ▶ Reusable
- ▶ Washable
- ▶ Resistant to bacteria growth
- ▶ Wide range of micron sizes

KEY FEATURES

- ▶ High temperature resistance
- ▶ High durability and versatility
- ▶ Washable and reusable
- ▶ Anti-corrosive properties

KEY FEATURES

- ▶ Super durable stainless steel
- ▶ Temperature resistant
- ▶ Very large mesh for coarse particles
- ▶ Super abrasive resistance

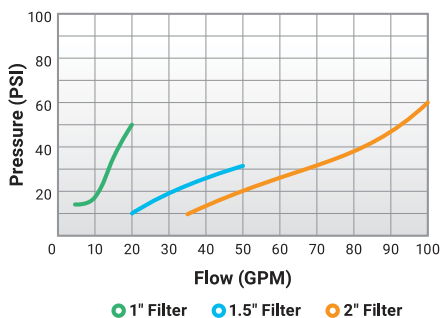


Chart based on 45 mesh (avg.) filter element.

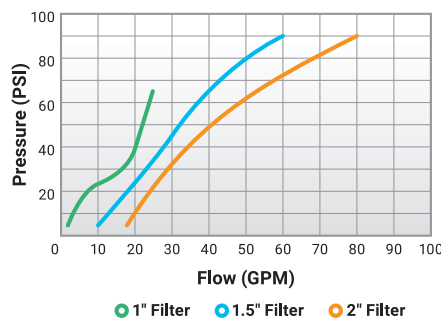


Chart based on 45 mesh (avg.) filter element.

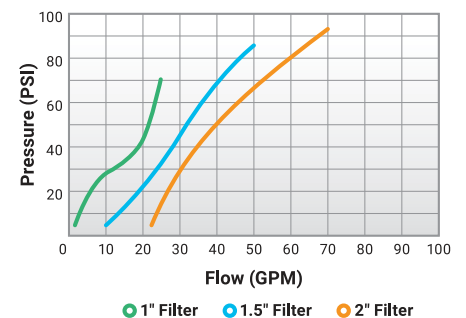
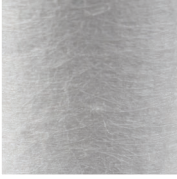
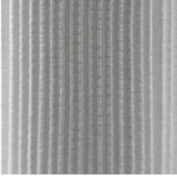
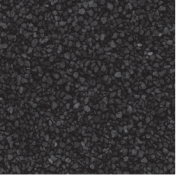

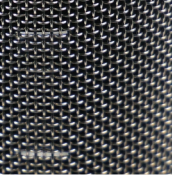
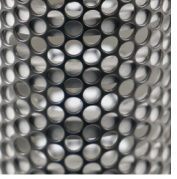


Chart based on a .046" mesh filter element.

RUSCO FILTER SELECTION GUIDE

							
	MELT BLOWN	PLEATED	ACTIVATED CARBON	POLY MESH	SS MESH	HD MESH	
Sediment	✓	✓		✓	✓	✓	PARTICULATES
Scale & Rust	✓	✓		✓	✓		
Coarse Sand & Shell	✓	✓		✓	✓		
Grit & Fine Sand	✓	✓		✓			
Silt	✓	✓					
Bad Taste / Odor			✓				CHEMICALS
Lead / Chlorine			✓				
VOCs / Chemicals			✓				
Micron Removal Rating*	1 - 150 µm	1 - 50 µm	5-10 µm	15 - 700 µm	75 - 500 µm	1200 - 4000 µm	SPECS
Filter Life	< 12 Months	Reusable	< 6 Months	Reusable	Reusable	Reusable	
Flow Rate Range (GPM)**	up to 100 GPM	up to 100 GPM	up to 90 GPM	up to 100 GPM	up to 100 GPM	up to 135 GPM	USAGE
Fits Filter Bodies***	¾", 1", 1½", 2"	¾", 1", 1½", 2"	¾", 1", 1½", 2"	¾", 1", 1½", 2"	¾", 1", 1½", 2"	¾", 1", 1½", 2"	
Chemical Resistant		✓	✓	✓	✓	✓	
Hot Water Use					✓	✓	
Sediment Trapper™	✓	✓	✓	✓	✓	✓	

* Micron (µm) = a millionth of a meter or 1/1000 of a millimeter or 1/25,000 of an inch

** Minimum flow rate for spin-down action: 1 GPM (¾" and 1"), 18 GPM (1½" and 2")

*** Hot Water Bodies: not available in 2" size



The Clear Leader
In Water Filtration

Rusco is a leading manufacturer of high quality, efficient, water sediment filtration products and accessories. Rusco filters are available throughout the United States and in many major international locations. We strive to always exceed our customers' expectation of quality and service, and to provide the most effective solutions.

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