



SPIN-DOWN™ & SEDIMENT TRAPPER™ FILTRATION SYSTEM FILTER ELEMENTS



WATER FILTER SOLUTIONS FOR:



Residential



Commercial



Irrigation & Ag



The Most Trusted Name in Water for over 40 Years



Residential



Commercial



Irrigation & Ag

For over 40 years, Rusco has been known as the most durable sediment filter in the water filtration industry. A variety of filtration options are available to help with various filtration needs.



Easy Clean Capability

Spin-Down and Sediment Trapper filter elements are designed to be used for years! Centrifugal action helps keep sediment clear of the screen, which is then easily flushed from the system with the simple and quick turn of a purge valve. Installing a Spin-Down or Sediment Trapper system will help save you time with little maintenance and money with no replacement cartridges needed!

- ▶ Sediment is visible through the clear cover indicating when the filter needs cleaning.
- ▶ Sediment is quickly and easily removed by opening the ball valve at the bottom of the filter cover.
- ▶ Clear cover is easily removed to make thorough cleaning of the system easy.

- ▶ Reusable polyester and stainless-steel element screens are available in many mesh sizes from very fine to coarse options.

- ▶ No down time.
- ▶ No tools required.



POLYESTER MESH

24 TO 1000 MESH

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

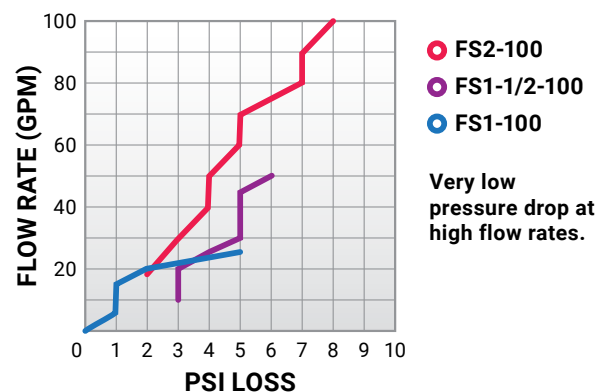
SPECIFICATIONS

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

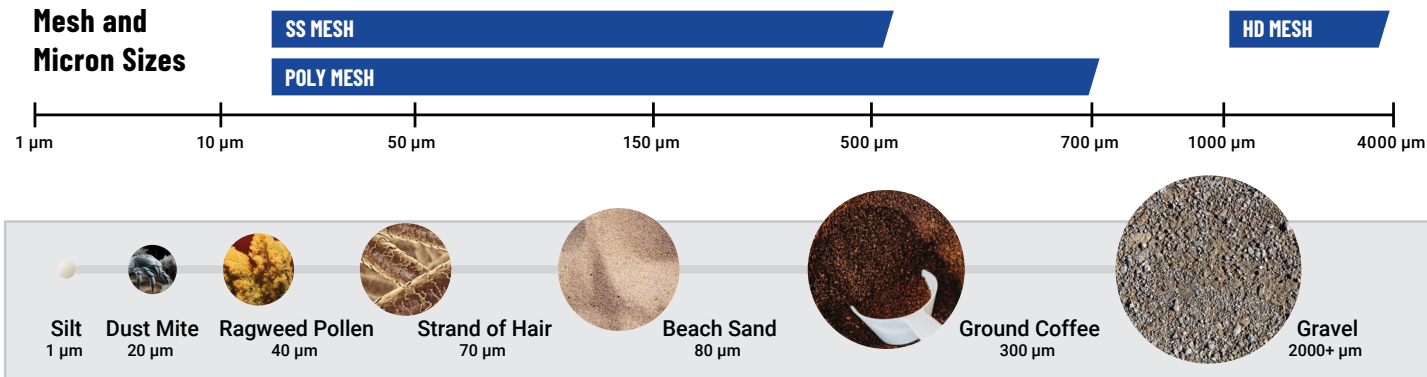
KEY FEATURES

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

POLYESTER MESH PRESSURE LOSS GRAPH



Mesh and Micron Sizes



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



STAINLESS STEEL MESH

30 TO 1000 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.

SPECIFICATIONS

FLOW RATE UP TO 100 GPM

PRESSURE UP TO 150 PSI

MAX TEMP 120°F

MICRON RATING 15 - 500 µm

KEY FEATURES

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



HEAVY DUTY MESH

.046 TO .156 MESH/PERFORATION

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

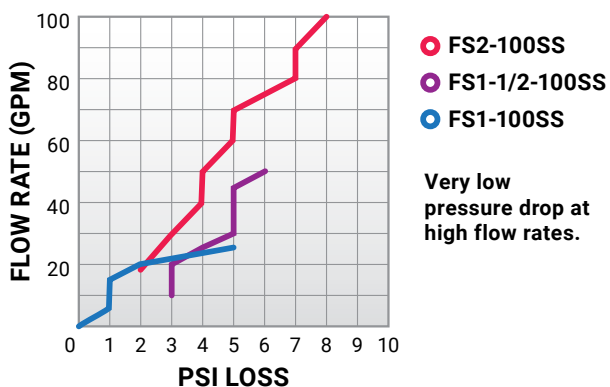
MAX TEMP 120°F

MICRON RATING 1200 - 4000 µm

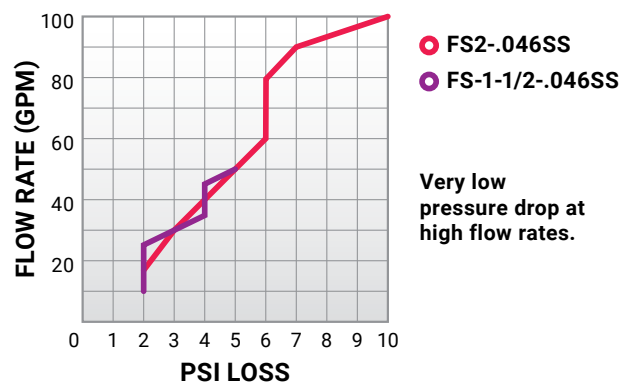
KEY FEATURES

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


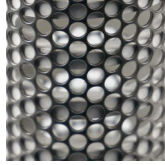
STAINLESS STEEL MESH PRESSURE LOSS GRAPH



HEAVY DUTY MESH PRESSURE LOSS GRAPH



RUSCO FILTER ELEMENT SELECTION GUIDE

				
	Poly Mesh	SS Mesh	HD Mesh	
Sediment	✓	✓	✓	Particulates
Scale & Rust	✓	✓		
Coarse Sand & Shell	✓	✓		
Grit & Fine Sand	✓			
Silt		✓		
Micron Removal Rating*	15-700 µm	15-500 µm	1,200-4,000 µm	Specs
Filter Life	Reusable	Reusable	Reusable	
Flow Rate Range	Up to 100 GPM	Up to 100 GPM	Up to 100 GPM	Usage
Fits Filter Bodies	¾", 1", 1½", 2"	¾", 1", 1½", 2"	1½", 2"	
Chemical Resistant	✓	✓	✓	
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"), 10 GPM (1½"), 18 GPM (2")

AVAILABLE POLYESTER AND STAINLESS STEEL MESH SIZES

Mesh	Micron**	Inches
24	711	.028
30	533	.021
40	381	.015
60	254	.010
100	152	.006
140	104	.004
200	74	.0029
250	61	.0024
500	30	.0012
1000	15	.0006

*All mesh sizes are available in stainless steel except 24 and 40 mesh.

**Micron conversions are approximate.

AVAILABLE HEAVY DUTY MESH SIZES

Mesh / Perf	Micron**	Inches
.156	3,962	.156
.063	1,600	.063
.046	1,200	.046

**Micron conversions are approximate.

ORDERING INFORMATION

SPIN-DOWN™ STYLE

MODEL NO.	LENGTH	OUTSIDE DIAMETER
FS3/4-#	5-1/4"	1-1/8"
FS1-#	5-1/4"	1-1/8"
FS1-1/2-#	8-1/8"	1-5/8"
FS2-#	10"	1-7/8"
LFS1-1/2-#	10-1/8"	1-5/8"
LFS2-#	13-3/4"	1-7/8"

ORDERING NOTES:

- # indicates mesh size when ordering
- For stainless-steel element, add "SS" after mesh size

SEDIMENT TRAPPER™ STYLE

MODEL NO.	LENGTH	OUTSIDE DIAMETER
FS3/4-#ST	5-1/8"	1-1/8"
FS1-#ST	5-1/8"	1-1/8"
FS1-1/2-# ST	8-1/8"	1-5/8"
FS2-# ST	10"	1-7/8"

ORDERING NOTES:

- # indicates mesh size when ordering
- For stainless-steel element, add "SS" after "ST"

Stem creates reservoir inside of filter cover allowing for extra sediment trapping capability.

Scan for more information about Rusco's sediment filters



AN AMERICAN COMPANY



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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