



Models 6124, 6134 and 6164

All Welded 316 Stainless Steel High Purity Depth Filters



Description

Matheson depth filters utilize a fiberglass media and are rated to 250 psig service. They are 100% efficient at a 0.2 micron level. They feature an all welded stainless steel housing and are available in a wide selection of pipe, tubing and connections.

The "all-welded" Models 6124, 6134 and 6164 feature a cylindrical, microporous, fiberglass filter media, molded with an acrylic binder and supported by a perforated 316 stainless steel screen. Matheson's extensive experience has found this choice of depth filter to be efficient, reliable, effective and economical for non-corrosive gas service.

The gas stream enters the filter, flowing from outside to inside the filter media, trapping particles in the depth of the media, and exits through the center. The operating temperature ranges from 0°F to 165°F.

All Matheson high purity line filters are leak tested after assembly at the rated pressure with nitrogen.

All filters are capped and sealed in a poly bag to maintain purity.

Applications

- Gas Chromatography
- Biological Studies
- Environmental Work
- Gas Sterilization

Design Features/Components

- Microporous fiberglass media
- Particles are entrapped by or adsorbed to the filter matrix throughout the depth of the filter
- 100% filtration efficiency at 0.2 micron level
- Used as a prefilter or point-of-use filter in many applications
- Media is compatible with wide range of non-corrosive gases

Ordering Information (with specifications)

Model No.	Inlet/Outlet Connections	Max. Flow SLPM**	Dimensions (D x L)
Filters with Pipe Fittings			
6164P4FF	1/4" FNPT	150	1.66" x 3.0"
6134P8FF	1/2" FNPT	400	2.38" x 4.1"
6124P12FF	3/4" FNPT	1000	2.38" x 7.5"
Filters with Compression Fittings			
6164T2FF	1/8" Compression	30	1.66" x 4.9"
6164T4FF	1/4" Compression	100	1.66" x 4.1"
6164T6FF	3/8" Compression	150	1.66" x 4.3"
6134T4FF	1/4" Compression	200	2.38" x 4.8"
6134T6FF	3/8" Compression	400	2.38" x 5.0"
6134T8FF	1/2" Compression	400	2.38" x 5.3"
Filters with Tube Stubs			
6164T4MM*	1/4" Tubing (316 SS)	75	1.66" x 4.95"
Filters with Face Seal or O-Ring Seal			
6164V4MM	1/4" Male Face Seal	100	1.66" x 4.1"
6164O4MM	1/4" Male O-Ring Seal	100	1.66" x 3.8"
6134V8MM	1/2" Male Face Seal	150	2.38" x 5.1"

*Note: Supplied with 1/4" SS tubing only, welded on each end.

**@15 psi inlet, Atmospheric Outlet