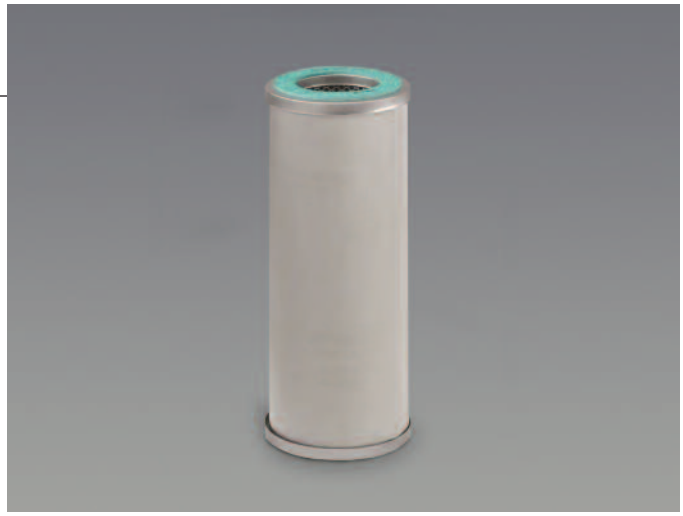
MM-Screen™

Stainless Screen Wrapped Elements

MM series screen wrapped elements are cleanable and reusable stainless steel surface filters for removing solids from liquids, compressed air, and most gaseous fluids.

MM-Screen elements are assembled by wrapping layers of stainless steel mesh cloth around a perforated support core. These elements are available in grades from 5 to 750. They provide approximately 255 sq. in. (1645 sq. cm.) of effective filtration area. Recommended flow rates are based on specific applications.



THE BOTTOM LINE

- **The Choice is Yours**
  PECOFacet is an industry leader in fluid filtration products. Don't get locked into a single source. Adding PECOFacet to the supplier list for all your filtration needs will ensure your access to the best products at competitive prices. MM-Screen elements are made with quality materials in an ISO certified manufacturing environment. Performance and structural integrity are backed by a no-nonsense factory warranty. Send us the manufacturer model number and we'll do the rest.

APPLICATIONS

- **High Viscosity/Corrosive**
  Resins
  Waxes
  High Viscosity Fluids
  Caustics
  Acids

SPECIFICATIONS

MATERIALS

- **MEDIA** stainless steel screen
- **CORE** stainless steel
- **END CAPS** stainless steel
- **GASKETS** fiber (non-asbestos)

OPERATING DATA

Max.[1] Temp. [F]	Max. D.P[2] [psid]
250	75

- Recommended change-out DP is 15 psid
- Normal flow direction is outside to inside

NOMINAL DIMENSIONS

O.D. [in.]	I.D. [in.]	Length [in.]	Surface Area [ft²]
6.0	3.5	14.5	1.75
6.0	3.5	28.75	3.5
6.0	3.5	43.25	5.3

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PERFORMANCE

FLOW RATES

MODEL NO		MM5HJS		MM10HJS		MM25HJS		MM40HJS		MM75HJS		MM150HJS	
Micron		5		10		25		40		75		150	
Viscosity		Flow	ΔP	Flow	ΔP	Flow	ΔP	Flow	ΔP	Flow	ΔP	Flow	ΔP
ssu	cs	gpm	psi	gpm	psi	gpm	psi	gpm	psi	gpm	psi	gpm	psi
29	1	75	.10	75	.09	75	.05	75	.01	75	.00	75	.00
32	2	75	.20	75	.18	75	.10	75	.02	75	.00	75	.00
36	3	75	.30	75	.27	75	.15	75	.03	75	.00	75	.00
43	5	75	.50	75	.43	75	.25	75	.05	75	.01	75	.01
52	8	75	.80	75	.70	75	.40	75	.08	75	.02	75	.02
58	10	75	1.0	75	.87	75	.50	75	.12	75	.03	75	.02
98	20	75	2.0	75	1.7	75	1.0	75	.24	75	.06	75	.05
140	30	50	2.0	57	2.0	75	1.5	75	.36	75	.10	75	.08
190	40	37	2.0	43	2.0	75	2.0	75	.48	75	.13	75	.10
230	50	30	2.0	34	2.0	58	2.0	75	.60	75	.16	75	.13
342	75	20	2.0	23	2.0	39	2.0	75	.91	75	.24	75	.20
455	100	15	2.0	17	2.0	29	2.0	75	1.2	75	1.33	75	.26
910	200	7	2.0	9	2.0	15	2.0	62	2.0	75	.66	75	.53
1365	300	5	2.0	6	2.0	10	2.0	41	2.0	75	.99	75	.80
1818	400	4	2.0	4	2.0	7	2.0	31	2.0	75	1.3	75	1.0
2273	500	3	2.0	3	2.0	5	2.0	25	2.0	75	1.7	75	1.3

*200	*250	*400	*750

*For all models above 150 microns, the maximum flow rate per cartridge is 75 gpm. Under specified conditions, the flow rate may exceed 75 gpm. Consult the factory for specific applications.

Flow Rates are expressed in U.S. Gallons Per Minute (GPM). GPM_3.785 = Liters Per Minute (LPM)
Differential Pressure is listed in Pounds Per Square Inch (PSI). PSI_.07 = Kilograms per Centimeters

REPLACEMENT OPTION FOR

- Fabrication Specialties
- Jonell
- S.W. Filter
- Others

NOTES

1. Temperature capabilities up to 700°F available upon request.
2. Max D.P. may be limited by the vessel manufacturer's design.
3. MM-Screen elements can be cleaned & reused in accordance with PECOFacet procedures. Contact the factory for more information.

PARTICLE RETENTION

- **Efficiency**: Absolute
- **Grade [µm]**: 5, 10, 25, 40, 75, 150, 200, 250, 400, 750

VESSELS

- Facet M Series
- Other manufacturer's vessels that accept a 6"OD x 3.5"ID DOE style element.

ORDERING INFORMATION

MM	5	H	J	S	

GRADE [µm]
5
10
25
40
75
150
200
400
750

LENGTH & MISC
Blank = 14.5"L
X2 = 28.75"L
X3 = 43.25"L

CORE TECHNOLOGY
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