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## MM Series Screen Wrapped Filter Cartridges



### Benefits

- Cleanable and reusable
- High operating temperatures
- Wide range of pH compatibility
- All stainless steel components
- Flow direction: Outside to In

### Applications

- Resins
- Waxes
- High Viscosity Fluids
- Caustic Applications

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

MM Series screen cartridges are assembled by wrapping layers of stainless steel mesh cloth around a perforated outer support shell. These cartridges are available in micron ratings from 5 to 750. They provide approximately 255 sq. in. (1645 sq. cm.) of effective filtration area. Recommended flow rate is based on specific application.

# MM Series

## Screen Wrapped Filter Cartridges

### PERFORMANCE SPECIFICATION

SERIES	ABSOLUTE REMOVAL MICRON									
	5	10	25	40	75	150	200	250	400	750
MM	•	•	•	•	•	•	•	•	•	•

### MATERIALS

#### Filter media options:

5 - 750 µm: Stainless steel screen

#### Gasket Materials:

Standard: Non-asbestos

Optional: Other materials available upon request

#### Components:

Center Core: Stainless steel

End Caps: Stainless steel

Outer Body: None

Adhesives: Solder

### FILTER SIZES AND DIMENSIONS

SERIES	DIMENSIONS					
	OD		ID		LENGTH	
	in	mm	in	mm	in	mm
MM5HJS	6	152	3 ½	89	14 ½	368
MM10HJS	6	152	3 ½	89	14 ½	368
MM25HJS	6	152	3 ½	89	14 ½	368
MM40HJS	6	152	3 ½	89	14 ½	368
MM75HJS	6	152	3 ½	89	14 ½	368
MM150HJS	6	152	3 ½	89	14 ½	368
MM200HJS	6	152	3 ½	89	14 ½	368
MM250HJS	6	152	3 ½	89	14 ½	368
MM400HJS	6	152	3 ½	89	14 ½	368
MM750HJS	6	152	3 ½	89	14 ½	368

Note: The dimensions are nominal.

### FLOW RATES

Model No.	MM5HJS	MM10HJS	MM25HJS	MM40HJS	MM75HJS	MM150HJS								
Micron	5	10	25	40	75	150	*200	*250	*400	*750				
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		
29	1	75	.10	75	.09	75	.05	75	.01	75	.00	75	.00	* 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.
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	.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	

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 Squared (kg/cm<sup>2</sup>).

### TEMPERATURE / COMPATIBILITY GUIDE

MEDIA	MAXIMUM TEMPERATURE	pH RANGE	PETROLEUM PRODUCTS	CHEMICALS	AQUEOUS SOLUTIONS
Stainless Steel	250 °F	1 - 12	Excellent	Excellent	Excellent

### CARTRIDGE ORDERING INFORMATION

SERIES	MICRON RATING	SPECIAL FEATURES
MM	5 5, 10, 25, 40, 75, 150, 200, 250, 400, 750	HJ H = Heavy Duty J = Non Asbestos
		S S = Stainless Steel