



# OSM- 200™

Paint Booth Overspray Collection System  
For Existing Systems

## Clean Air Solutions for a Perfect Finish!

### NESHAP Compliant Tested Under EPA Method 319

- Removes liquid and solid overspray in existing paint booths in excess of NESHAP (EPA) Standard
- Keeps motors, fans, duct work clean
- Prevents discharging contaminants to the atmosphere
- Upgrade existing overspray collection systems with no structural modifications



### Two Stage OSM-200 Filtration System

**First Stage** - The Ultra™ prefilter (installed in pad or pre-cut blanket form) is a two ply media with a more open fiber structure on the air entering side and a finer fiber structure on the air leaving side to enhance depth loading of paint overspray and prevent face loading. Depth loading substantially increases paint holding capacity.

**Second Stage** - The final filter is a four ply self supported OSM-200 pocket filter consisting of a two layer media with graduated density fiber construction along with an added tackifier on the air leaving side of the prefilter layer. The final layer is a tightly needled fiber media on the air leaving side for excellent particle retention. The OSM-200 bag exceeds the NESHAP requirements for efficiency even without the prefilter.

The OSM-200 system consists of Ultra prefilter media pads or blankets followed by an OSM-200, 4-ply, self-supported multi-pocket filter.

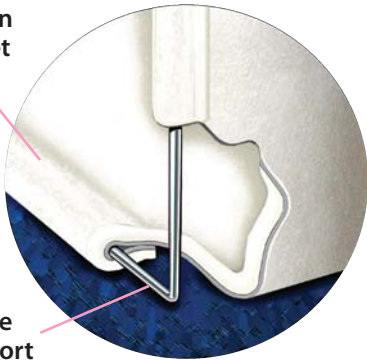
### Test Method 319 Results:

Particle Size (Microns)	NESHAP Efficiency Requirements for Existing Systems	OSM-200 Efficiency
<b>SOLIDS</b>		
>2.6	>10%	24%
>5.0	>50%	70%
>8.1	>90%	93%
<b>LIQUIDS</b>		
>2.2	>10%	27%
>4.1	>50%	80%
>5.7	>90%	96%

# OSM-200™

Paint Booth Overspray Collection System for Existing Systems

**Built-In Gasket**

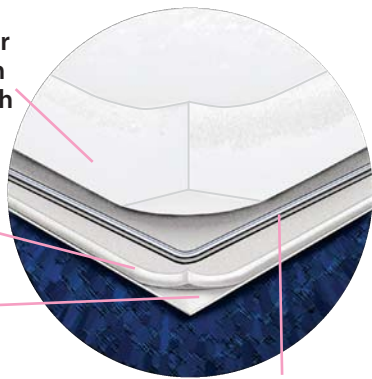


**Wire Support Frame**

**Dual Layer Upstream Media with Tackifier**

**Needled Media**

**Final Layers**



**Wire Support Frame**

## Self-Sealing - No Bypass

The media is sewn around an internal wire support frame that forms a built in gasket. The filters are automatically sealed when installed to prevent leakage.

## OSM-200 Pocket Filters Feature 4-ply Media Construction

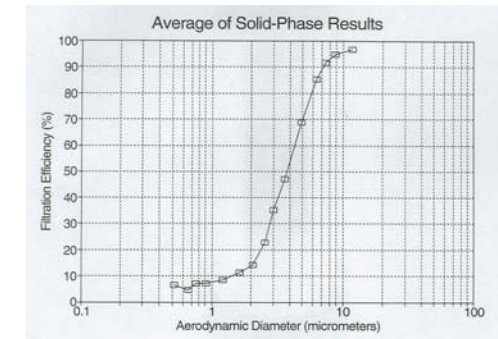
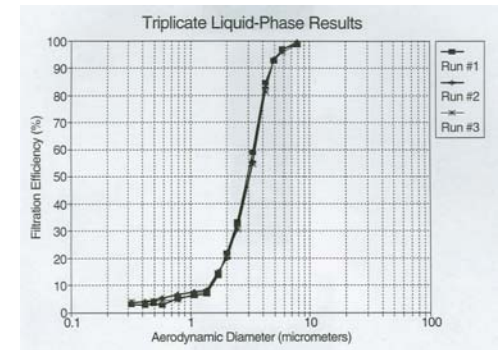
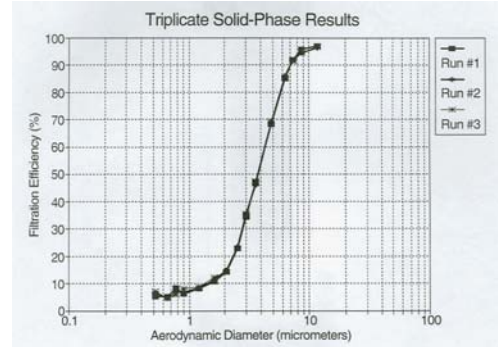
OSM-200 filters are made with two dual layer medias. The upstream layer has a graduated density fiber construction for enhanced depth loading along with an added tackifier for dry particulate. The downstream layer is a denser, needled media forming a final barrier to catch the finer paint particles.

## Self-Supported Pocket Construction

The high loft polyester media holds its extended shape at all times, even with no air flow. No sagging or dropping.

## Fast, Easy Installation - Endorsed by Maintenance Personnel Worldwide

Save on labor due to reduced change out time. Simply push the filter into the frame. No clips or latches required.



## Standard Size OSM-200 Bag Information

Nominal Size (Inches)	Number of Pockets	Air Flow Capacity (CFM) @120FPM	Initial Resistance (In. W.G.)		Recommended Final Resistance (In. W.G.)
			OSM-200 Bag Filter Only	Two Stage Filtration System	
12 x 24 x 15	1	240	.06"	.11"	1.0"
20 x 20 x 15	2	333	.06"	.11"	1.0"
25 x 25 x 15	2	401	.06"	.11"	1.0"
24 x 24 x 15	2	480	.06"	.11"	1.0"



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