

# ATI OSM-100™ Bag Filters

Paint Booth Overspray Filters  
for 2-Stage Exhaust Systems



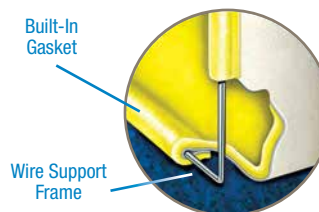
## NESHAP-compliant, stage-two filtration for the paint overspray remediation and aerospace industries with MERV 13 efficiency

As a global leader in advanced filtration technologies, Parker provides aircraft operators and manufacturers with high-quality paint overspray filtration solutions that ensure a clean, finished paint finish on exterior plane parts. Our ATI OSM-100™ bag filters, tested under EPA Method 319, are used as a stage-two filter in two-stage aerospace paint booth systems to remove liquid and solid overspray.

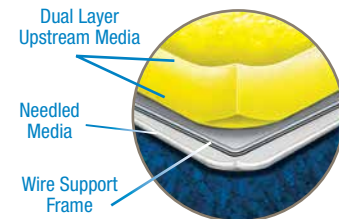
ATI OSM-100 bag filters feature three-ply media construction with graduated density fiber media on the air-entering side and a denser needled fiber media on the air-leaving side. The extended surface media is sewn around a durable internal wire support frame that forms a built-in gasket for automatic sealing to prevent bypass. The self-supported pocket construction will hold its extended shape at all times, even with no airflow. The final intake filter serves as the primary defense against foreign particles contaminating delicate painted surfaces.



### ATI OSM-100 Bag Filter Construction



Self-sealing design prevents leakage.



Triple-layer construction ensures high depth loading.

### Contact Information:

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### Product Features and Benefits:

- Filters are tested to EPA Method 319, NESHAP 40 CFR Part 63 / 6H and ASHRAE Standard 52.2 2017
- MERV 13 efficiency
- Easy upgrade with no structural modifications
- Fast and easy changeouts with no clips or latches required
- Keeps motors, fans, and ductwork clean, reducing maintenance costs
- Multi-layer designs for greater overspray collection

ENGINEERING YOUR SUCCESS.

# ATI OSM-100™ Bag Filters

Advanced filtration technology favored by maintenance personnel worldwide

The filters in your paint overspray booth allow for perfect finishing in a controlled airflow environment while also preventing paint particles from being released into the atmosphere. A high-quality filtration solution can significantly improve your entire production process, ultimately affecting your profitability. You can rely on Parker's ATI OSM-100 bag filters to help reduce maintenance efforts and avoid environmental noncompliance repercussions.

## ATI OSM-100 Bag Filter Specifications

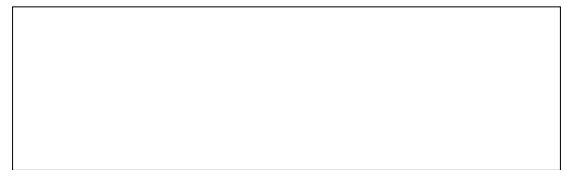
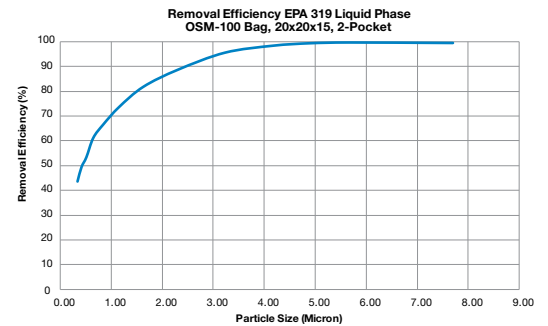
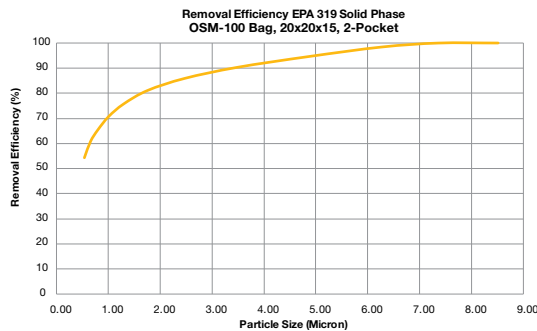
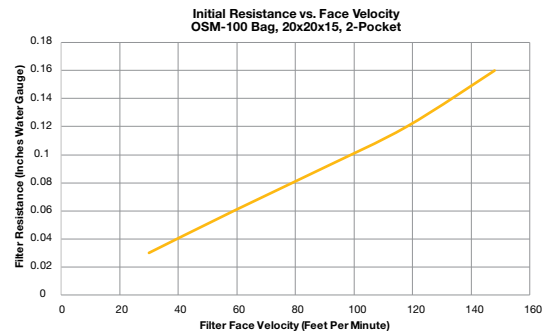
Nominal Size (H x W x D) Inches	Number of Pockets	Rated Air Velocity (FPM)	Rated Air Flow (CFM)	Initial Resistance (Inches W.G.)	MERV Rating	Paint Removal Efficiency	Media Area (Square Feet)
24 x 24 x 15	2	120	480	0.13	13	99.99%	19.5
20 x 20 x 15	2	120	330	0.13	13	99.99%	14.1

**NOTES:**

1. Testing per EPA Method 319, NESHAP 40 CFR Part 63 / 6H and ASHRAE Standard 52.2-2017.
2. Test face velocity for EPA Method 319 is 120 FPM.
3. Test face velocity for ASHRAE 52.2 is 118 FPM.
4. Test face velocity for 40 CFR Part 63 / 6H is 150 FPM.
5. Recommended final resistance 1.50" W.G.
6. Maximum operating temperature 200°F (93°C).

## EPA Method 319 Particle Filtration Efficiency Test Results

Particle Size	EPA 319 Requirement	ATI OSM-100 Efficiency
<b>Solid Phase:</b>		
2.6 micron	> 10% Required	86%
5.0 micron	> 50% Required	95%
8.1 micron	> 90% Required	100%
<b>Liquid Phase:</b>		
2.2 micron	> 10% Required	89%
4.1 micron	> 50% Required	98%
5.7 micron	> 90% Required	100%



Your Local Authorized Parker Distributor

**WARNING:** This product can expose you to chemicals, including acetaldehyde and nickel which are known to the State of California to cause cancer, and lead and methanol, which are known to the State of California to cause birth defects and other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

