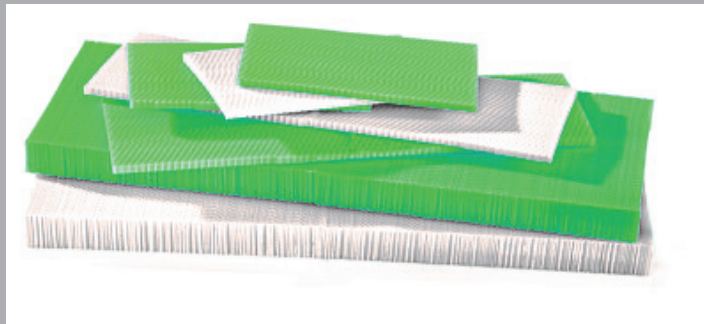


3M™ High Air Flow (HAF) Filters

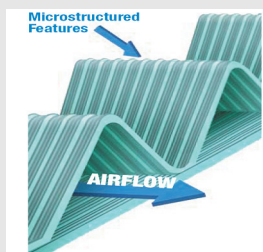
DESCRIPTION:

3M HAF Filters offer low initial airflow resistance, while their unique microstructure and electrostatic charge provide effective particle capture and retention.



VALUE OPPORTUNITY

Unique film design features an open channel structure that maintains a low pressure drop and high air flow as the filter loads.



TECHNICAL BENEFITS

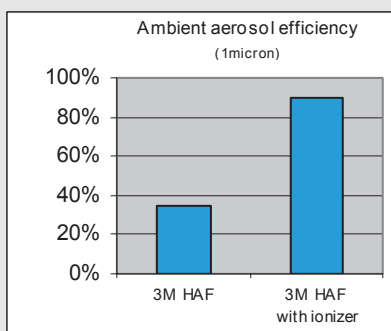
- Microstructured, electrostatically charged media provides good dust holding capacity.
- Filters are composed of 100% synthetic media.
- Filters have rigid, light-weight, self-supporting structure.
- Most constructions pass MVSS-302 and UL 900, Class 2 flammability.

ADDITIONAL INFORMATION

Ionizer-Enhanced HAF Two-Step Filtration

Step 1: Charging Particles
Neutral particles=> Ionizer=> Charged Particles
Step 2: Removing Particles
Charging (particles) + Removing=High Efficiency

The fractional efficiency and arrestance of the 3M HAF Filter may be increased significantly when combined with an ionizer. Given the increase in capture efficiency in this configuration, the filter life will be correspondingly reduced.



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