



Better Air is Our Business®

AmericanAirFilter® AmerKleen M80

Disposable Air Filter

An excellent air filter which uses Viscosine™ coating for enhanced filter efficiency. Its progressive density construction provides high dust holding capacity with a low pressure drop.



Description

The AmerKleen M80 has been used in both onshore and offshore locations as a prefilter, and it is particularly well suited for reciprocating engine, gas turbine, and smooth flow compressor air intake systems. It is a disposable, adhesive impregnated glass fiber pad held in a permanent retaining frame. The frame provides a quick opening latch, allowing the AmerKleen M80 to be easily replaced. Since no filter frame is required with each purchase, the AmerKleen M80 is less expensive to replace when compared to beverage board or plastic framed filters.



Universal Prefilter Frame



Easy Installation

High Dust Holding Capacity

AmerKleen media are designed with "Progressive Density" construction. Fibers on the air entering side are interlaced in an open pattern which becomes progressively tighter. Dirt loads from back to front, taking advantage of the entire thickness of the media. This construction prevents face-loading, and increases arrestance and dust holding capacity.



*Progressive Density
Media Construction*

Construction

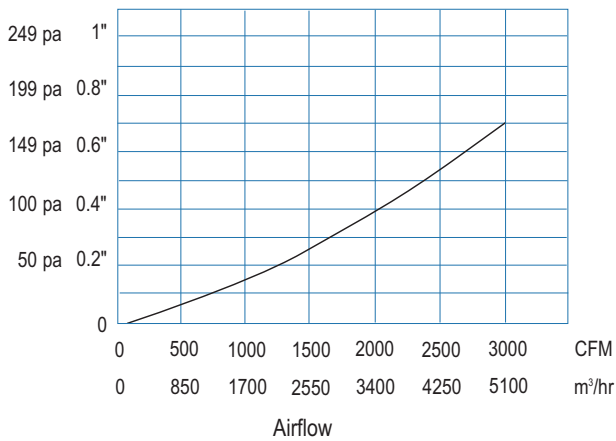
AmerKleen media is made of continuous filament fiberglass. At each point where these fibers cross, thermosetting plastic bonds them together to form a strong, thick resilient pad.

A Viscosine™ adhesive helps retain particles as they impinge on fibers, preventing them from breaking away and flowing downstream. Viscosine impregnated fibers will not migrate at temperatures up to 212°F/100°C.

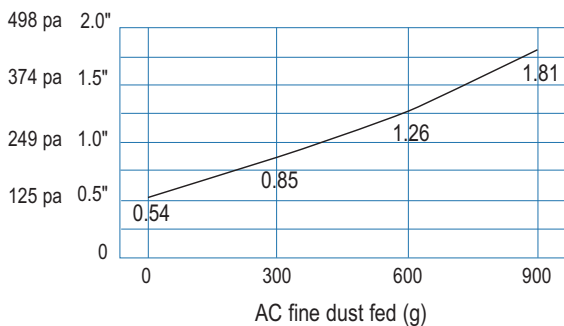
AmerKleen M80

AmerKleen M80 Technical Data

Rated Face Velocity	625 FPM/3.18 m/sec
Initial Resistance	0.5" w.g./125 pa
Recommended Final Resistance	1.5" w.g./374 pa
Average Arrestance (AC fine test dust)	89%
Thickness	3.75"/95 mm
Height & Width	24" x 24"/610 mm x 610 mm nominal



Airflow resistance for a clean AmerKleen M80 pad, rated airflow is 2500 CFM/4250 m³/hr.



Dust holding capacity for an AmerKleen pad with AC fine test dust at rated airflow of 2500 CFM/4250 m³/hr.

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