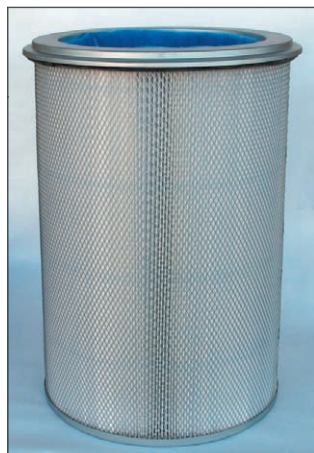




Composite Style Filters

For GE LM6000 Turbine Inlet Filtration



Barrier Final Filter

Custom designed for GE LM6000 gas turbine air inlet system. The composite filter system provides two stages of filtration. First through an inner “sock” made of depth-loading filtration media and then through a high efficiency barrier final filter.

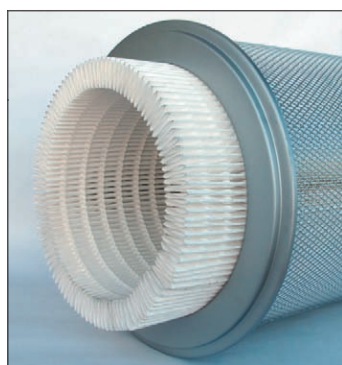
The MERV 15 primary cartridge is available with Pneumafil’s revolutionary Matrex™ media which provides initial efficiencies better than 92%+ on sub micron particles. Matrex is recommended as a 100% synthetic media for longest life and for the highest level of protection.



Pre Filter Insert

Designed for maximum protection, the one piece “sock design” is triple stitched in the vertical seam to provide a uniformed surface making it easier to install and remove.

The design includes a fabric disc sealed to the bottom that retains the collected particulate on the dirty side of the pre filter during removal. It offers better flow distribution and low resistance.



HDC Filter

The “insert able” pleated pre filter (used in urban or high dust concentration atmospheres) is designed with uniformed, synthetic pleated media. The depth loading media is designed for maximum flow capacity and exhibits improved capturing efficiency to protect your primary barrier filter longer than conventional sock filter.



Guard Door Filter

The high flow pleated box filter is not a nominal 24x24x4 design. It has custom dimensions to fit composite channel rail. The pre filter is designed with a durable double wall corrugated cardboard panel design for added strength and moisture resistance.



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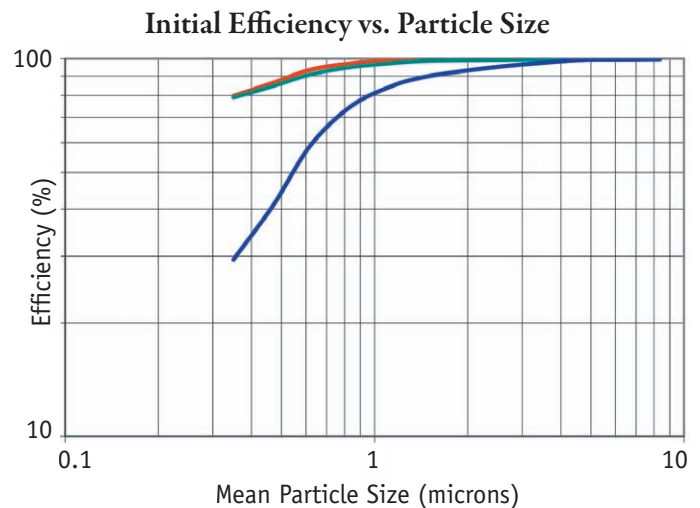
Dimensions / Part Nos.

Open End Cap	OD 18.75" (476.25 mm), ID 14" (355.6 mm), L 26" (660 mm)
Closed End Cap	OD 17.50" (444.5 mm), L 26" (660 mm)

Part No.	Media	Description
A45050-1	100% Synthetic	Cylindrical outer cartridge
A45051-1	Blended with Matrex™	Cylindrical outer cartridge
A45052-1	100% synthetic with Matrex	Cylindrical outer cartridge
S52507A1	100% Synthetic	Guard Door filter

Part No.	Material	Description
E102227	Polyester	1/2" deep Prefilter sock
E102228	Polyester	1" deep Prefilter sock
S52508A1	Polycarbonate	1/8" thick Prefilter retainer strap
*Contact the factory	Pleated synthetic	Prefilter, pleated

Final Filter Performance at 2000 CFM rated flow	100% synthetic	Blended with Matrex™	100% synthetic with Matrex
MERV	13	15	15
Clean resistance (inches W.G.)	0.6	0.69	0.9



- Initial efficiency Synthetic with MATREX
- Initial efficiency Blended with MATREX
- Initial efficiency Synthetic