

## Replacement Cartridge PneuMAX Composite filter

**PneuMAX Synthetic cartridges for LM6000  
Composite systems can provide dramatic  
improvement in operating pressure drop,**

**Higher efficiency and lower operating pressure  
than the recommended OEM filter.**

Did you know that most replacement filters, including the most popular OEM brand has media designed for pulse style self-cleaning systems? PneuMAX filters are specifically designed as a static style filter.

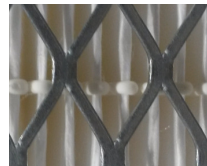
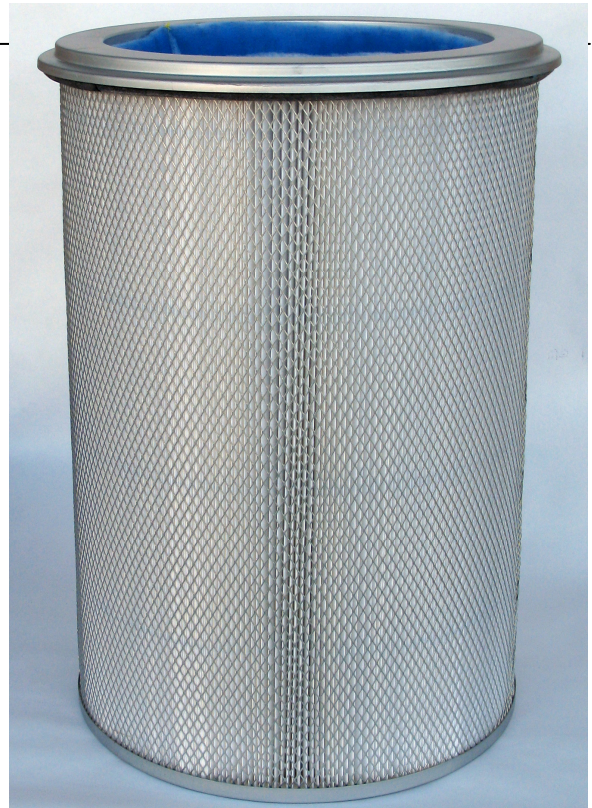
### PneuMAX Benefits

- Up to a 50% reduction in initial operating pressure drop
- 100% E1 efficiency on 0.3-1.0 micron particles
- 100% average arrestance
- High dust loading capacity
- Extended life.

### Why Low $\Delta P$ is important!

Generally accepted industry practices suggest that for each 4" w.g. of pressure drop, a power plant can see a loss in turbine output power between 1% and 1.4%! So over 8000 hours if your system experiences an incremental pressure drop of 25 mm wg (1"wg) that would translate into a loss of output of 0.25".

The PneuMAX media design helps maintain a lower  $\Delta P$  performance over the life of your filter while at the same time delivering measurably higher filter efficiency. PneuMAX filters maintain delivering higher turbine output throughout their lifespan.



### PneuMax Filters

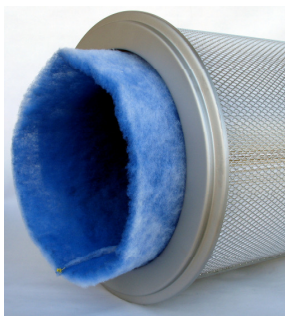
Glue Bead design offers:

- More Aerodynamic flow
- Lower pressure drop
- Improved dust holding



### OEM Paper

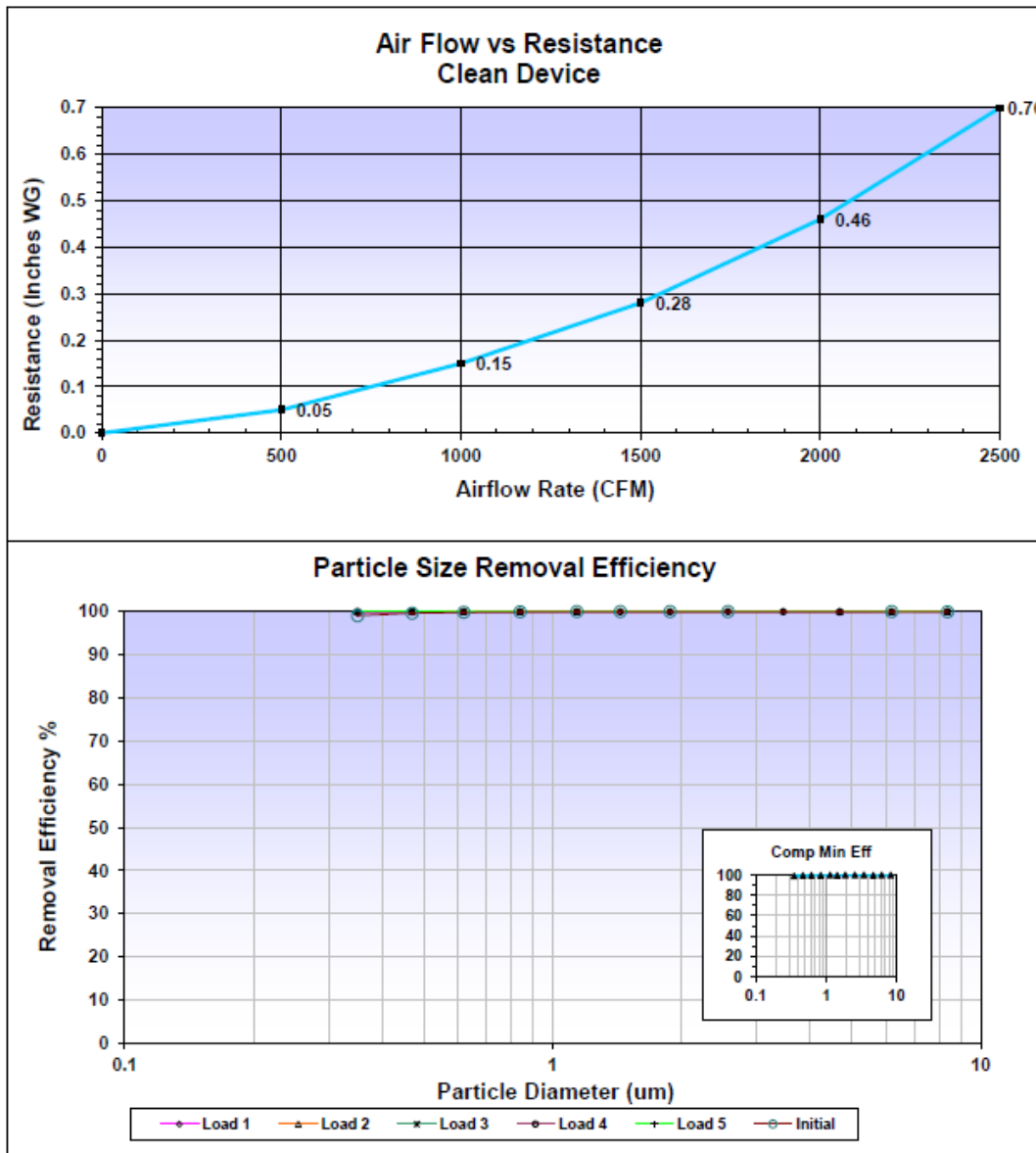
- Loses rigidity
- Collapses during exposure to moisture and high flow



**PneuMAX Filters are also available with replacement pre-filter components:**

- 100% Synthetic depth loading pad P/N E102361, replacement for Donaldson P/N 19-0847
- Spring Retainer Strip S52508A1, replacement for Donaldson P/N P19-0883
- 100% Synthetic depth loading sock P/N E102228 Fully sewn filter sock with

**Performance Charts for PneuMAX Composite Filter**



**Dimensions/Part Nos. for Pneumafil Composite Replacement Filters**

Part No.	Media	Construction
A45050C1	100% Synthetic	Cylindrical, galvanized - 18" x 26", Open Flange top/Closed bottom
A45051C1	Blended MATREX	Cylindrical, galvanized - 18" x 26", Open Flange top/Closed bottom
A45052C1	100% Synthetic MATREX	Cylindrical, galvanized - 18" x 26", Open Flange top/Closed bottom
A45375C1	100% Synthetic PneuMAX	Cylindrical, galvanized - 18" x 26", Open Flange top/Closed bottom