

PML RIGID POCKET FILTERS



► High Efficiency with a Low Pressure Drop Design

provides maximum energy savings in critical applications

► UL 900 Class 2

► Specifically Designed as Final Filter

in critical applications

► Full Adhesive Saturation

proprietary process; prevents unloading

DESCRIPTION

Filtrair's PML Rigid Pocket filters are constructed with a 100% synthetic fiber media developed and manufactured at Filtrair's own high-tech production facility. The PML is constructed from selected high performance fibers in a progressive density multi-layering technique to ensure high-depth loading with optimal lowest pressure drop performance. The PML combines three sequential progressive density layers, a highly efficient micro-fiber media with a pre-filter and a supporting synthetic media

layer. The result is a low pressure drop during the life of the filter, as well as high initial efficiency from the first day of installation. This filter also exhibits long filter life, extreme durability and therefore low energy and maintenance costs.

FEATURES AND BENEFITS

- **LEAK-FREE DESIGN** ensures maximum protection of people and equipment
- **EXTREME DURABILITY** guarantees performance in the harshest of environments
- **RIGID POCKET DESIGN** maintains optimum form even with reduced air flow or when the system is shut down

APPLICATIONS

PML Rigid Pockets provide superfine air filtration for general ventilation and air conditioning equipment installed in commercial buildings as well as for air handling installations that pose stringent requirements. These pockets withstand extremely high pressure loads and micro-fine dust concentrations. Specifically developed to be used as a final filter in the air intake for gas turbines, hospitals, pharmaceutical plant, computer and telecommunication rooms, PML Rigid Pockets ensure the very highest cleanliness levels.



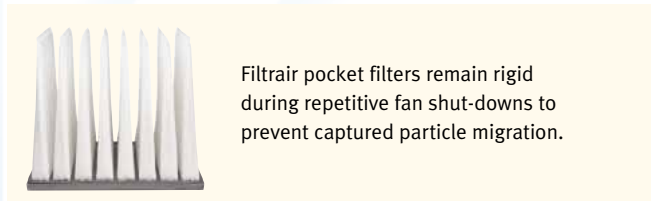
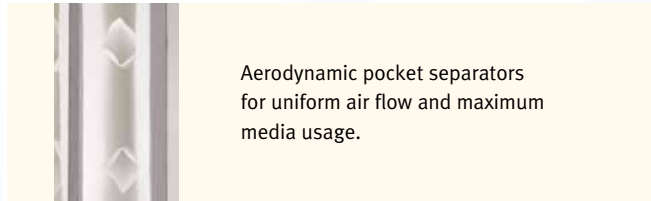
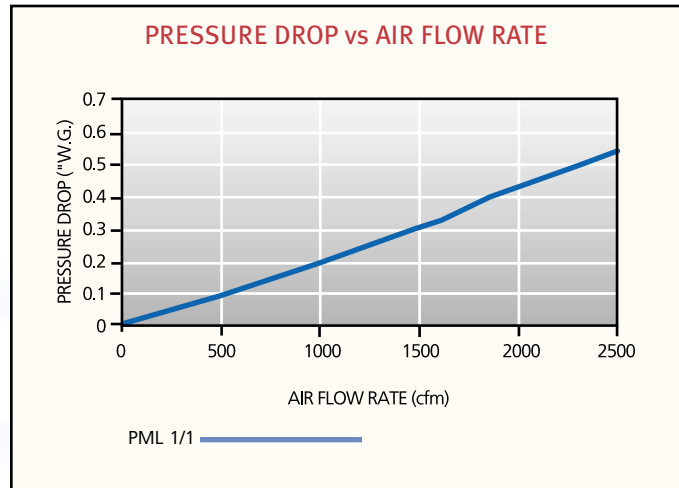
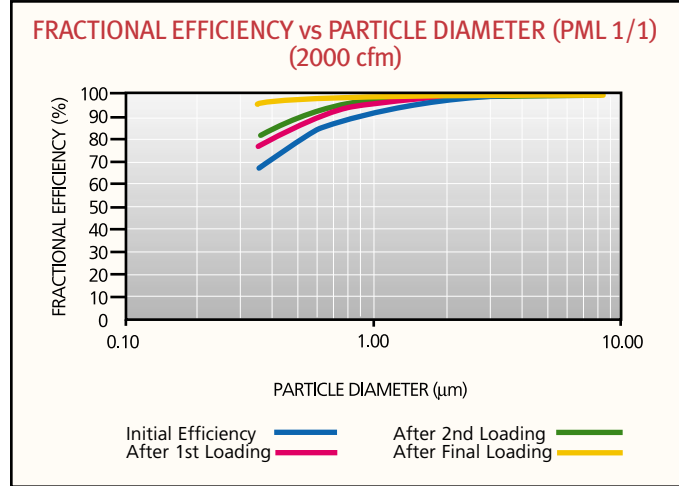
PML RIGID POCKET FILTERS

PML RIGID POCKET FILTER TECHNICAL DATA

Sizes	Units	1/1	5/6	1/2
Standard Holding Frame	in	24 x 24	20 x 24	12 x 24
Pocket Depth	in	24	24	24
Number of Pockets	—	8	6	4
Weight	lb	9.3	7.1	4.4
Header Size	in	23.43 x 23.43	19.41 x 23.43	11.38 x 23.43

Performance	Unit	PML 1/1 Value
Rated Air Flow	cfm	2000
Media Area	ft ²	60
Initial Resistance*	"w.g.	0.43
Final Resistance*	"w.g.	1.5
MERV*	—	14
DHC @ 1.5"w.g. Final Resistance*	g	500
Initial Resistance @ 2500 cfm*	"w.g.	0.54
Temperature Resistance	°F	160
Short Peaks	°F	200
Burst Strength	"w.g.	>12

* Test performed according to ASHRAE Test Standard 52.2-1999



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600 Railroad Avenue
 York, SC 29745
 Phone: 803-684-3533
 Fax: 803-684-7856
 www.filtrair.com
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