

PML RIGID POCKET FILTERS



Aerodynamic, tubular pocket spacers and wedge-shaped filter design channels air

Leak-free, welded pockets and corrosion proof, injection molded, high impact polyurethane header promote a high burst strength



Progressively structured media provides depth-loading and immediate high efficiency performance

- ▶ **Excellent Filter to Withstand Extreme Environments** of high humidity, turbulence, and high air velocities.
- ▶ **Filtrair Develops and Manufactures Its Own Synthetic Media** in addition to the finished filter.
- ▶ **Aerodynamic, Tubular Pocket Spacers and Wedge-Shaped Filter Design** in turbulent airstreams and during turbine shutdown.
- ▶ **Low Pressure Drop Design** provides increased power output.
- ▶ **Self-Supporting Pockets Stay Rigid** in turbulent airstreams and during turbine shutdown.
- ▶ **Leak-Free, Welded Pockets** and corrosion proof, injection molded, high impact polyurethane header combine to give the filter a high burst strength.
- ▶ **Three Layers of Progressively Structured Media** provide depth-loading and high efficiency levels immediately upon installation.
- ▶ **High Efficiency Filtration** meets the stringent requirements of gas turbine and compressor air intake filtration.



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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
DHC @ 1.8" w.g. Final Resistance*	g	2875
SAE FINE DUST @ 2000 cfm		
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

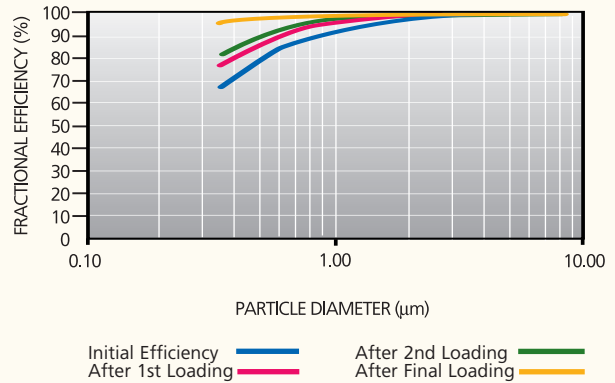


Aerodynamic pocket separators for uniform air flow and maximum media usage.

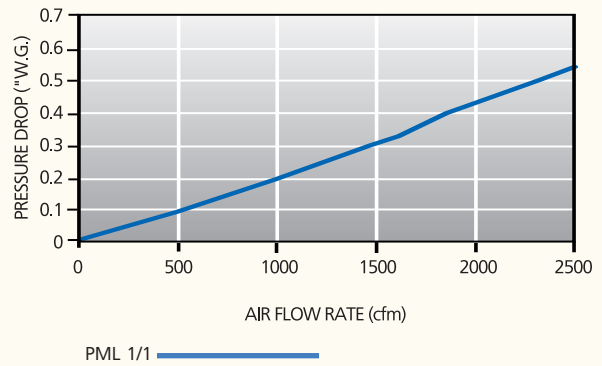


Filtrair pocket filters remain rigid during repetitive fan shut-downs to prevent captured particle migration.

FRACTIONAL EFFICIENCY vs PARTICLE DIAMETER (PML 1/1) (2000 cfm)



PRESSURE DROP vs AIR FLOW RATE



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