



MONO PLEAT

Monobond Frame Medium Efficiency
Pleated Air Filter

Introduction

The Purolator Mono Pleat combines high performance filtration with a unique Monobond frame construction. The result is an economical, high capacity, medium efficiency air filter designed for applications where a 1" disposable panel filter is required.

Frame Construction

The Mono Pleat utilizes a one-piece wrap around chipboard frame. The media is mechanically bonded to the frame by a thermal plastic sealant activated by heat and pressure.

The Monobond frame design prevents sagging and provides overall filter strength necessary for residential, commercial or light industrial applications.

Filtration Media

The filter element is a synthetic material laminated to an electro-galvanized expanded metal support grid.

When tested in accordance with ASHRAE 52.1-1992 Test Standard, the fiber blend maximizes dust retention capabilities while giving the Mono Pleat an average arrestance of 85-90% and an average efficiency of 20-25%.

Applications

Purolator manufactures the Mono Pleat for use in homes, apartments, hotels and service industries desiring upgraded performance from low-efficiency filtration.



Performance Data

Series	FPM Capacity	Resistance @Capacity (in w.g.)	Pleats Per Foot
Standard Capacity	150	.12	11
	225	.18	
	300	.25	
	375	.34	
High Capacity	150	.08	16
	225	.12	
	300	.16	
	375	.22	



CLARCOR Air Filtration Products

P-MPLEAT-210

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