

FILTRATION MEDIA



POLYESTER MEDIA

100% polyester fiber media was first introduced to the filtration market for applications where a higher degree of indoor air quality is desired. It was immediately preferred by service technicians and HVAC contractors due to its softness, strength and light weight. First used to upgrade systems with permanent frames and renewable pads, its tested high performance due to gradient density led to many additional uses. It is now used in a wide variety of general ventilating/filtration adaptations such as V-bank blanket systems, media for drum filters and card cleaning; and is widely used in the food industry, where fiberglass is unacceptable. All types are available in standard and non-standard sizes and in various thicknesses, in rolls and pre-cut pads.

<i>Polyester</i>	MP 1/2IN	MP 1IN	MP 2IN	RRM 2IN
Flow rate (pcm)	1200	1200	1400	1400
Initial pressure drop (in. W.G.)	0,12	0,14	0,14	0,24
Final pressure drop (in. W.G.)	0,50	0,50	0,75	1,00
Dust holding capacity (grams)	220	350	320	230
Average arrestance (%)	85%	85%	89%	88%
Average efficiency (%)	<20%	<20%	<20%	<20%

FIBRE DE VERRE

Continuous glass fibers have been bonded together with a thermo-setting resin. The graded weave produces a relatively open face with progressively dense media that features a revolutionary tacky side for better particle retention. Available in various sizes and thicknesses.

<i>Fiberglass</i>	E-10	I-20	Lennox	Electro	Lab-09*
Flow rate (pcm)	2000	2000	1000	1000	2000
Initial pressure drop (in. WG)	0,10	0,14	0,06	0,06	0,31
Final pressure drop (in. WG)	1,00	1,00	1,00	1,00	1,00
Dust holding capacity (grams)	280	380	185	185	145
Average arrestance (%)	70-80%	78%	60-65%	60-65%	88%
Average efficiency (%)	<20%	<20%	<20%	<20%	<20%

*Fiberglass and polyester media

FOAM

The ideal media for air filtration, filter foam is made of polyurethane. This type of foam is used in HVAC systems, humidifiers and as prefilters for electronic filter. It is washable and can therefore be frequently cleaned. Its exceptional extensibility gives it increased workability.

Foam	1/4IN	1/2IN	1IN
Porosity pores (linear In)	25	30	10
Initial resistance	0,05	0,12	0,08
Average arrestance (%)	56%	69,6%	77%
Dust holding capacity (grams)	140	118	190

HOG HAIR

Bestair is a hog hair type media. Fully washable and reusable, it should be replaced each season. This media is rather stiff and may sometimes be used without frame.

Bestair	
Flow rate (pcm)	2000
Initial pressure drop (in.W.G.)	0,16
Final pressure drop (in.W.G.)	1,0
Dust holding capacity (grams)	395
Average arrestance (%)	67%
Average efficiency (%)	<20%

PAINT ARRESTOR

The fiberglass media PA is used mainly to hold paint spray in a paint booth. It's a progressive fiberglass density. It will obtain 98% efficiency on aerosol paints. Available in rolls and/or cut to size dimensions.

Paint Arrestor	
Size	20x20x2 1/2
Flow rate	150 PPM
% paint retention	98%
Retention capacity	818,2 GM/FT ³
Initial resistance	0,06 WG
Final resistance	0,50 WG



AIR EXHAUST

AIR INTAKE



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