



# Non-Woven Air Filter

<b>Testing Method</b>	<b>Dot Spot Efficiency (in NBS Testing Method)</b>	<b>Arrestance (in AFI Testing Method)</b>
	-	> 65%
	<b>By ASHRAE Standard 52.1-1992 (Equal to EN 779)</b>	

### Features:

Non-woven air filters provide maximum air flow, low pressure drop and greater efficiency for dirt arrestance. They are suitable for air intake or air exhaust filtration.

### Efficiency:

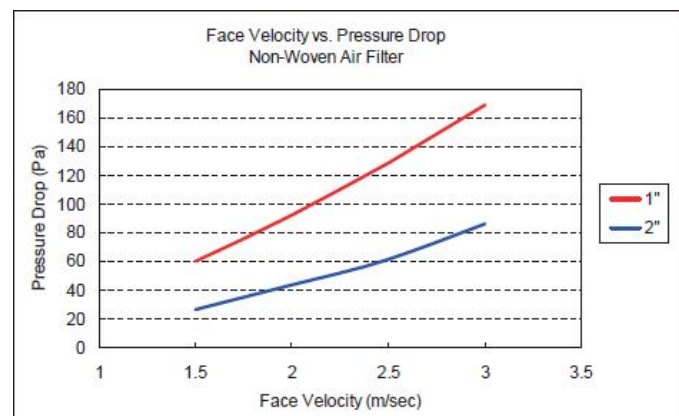
The media is tested in conformity with AFI (Air Filter Institute). The arrestance value exceeds 65% and the resistance is under 2.5mm.

### Media:

The filter media consists of Polyester fiber, Acetate fiber and Nylon; and is by all-direction needle rolled for making fiber nets, which the fibers are contacted completely to provide higher arrestance and dust holding capacity. Filter can also be made to order with acid-resistant or alkali-resistant specifications for particular uses upon request.

### Outer Frame:

The filters are available in a wide variety of sizes, styles, and thicknesses. The width of the filters is up to 2.9M. They can be framed by Beverage Board, Galvanized Steel, Aluminum or Stainless Steel. Dimensions can be tailor-made to meet customer's requirement or roll sizes.



## Performance Data – Non-Woven Air Filter

Efficiency (%)		Nominal Size (W*H*D)	Actual Size (W*H*D)	Rated Capacity (CMH)	Pressure Drop (Pa)	
Dot Spot Efficiency (in NBS)	Arrestance (in AFI)	(inch)	(mm)		Initial Resistance	Final Resistance
-	> 65	12*24*1	289*595*22	1700	129	250
		20*20*1	492*492*22	2380		
		20*24*1	492*595*22	2800		
		24*24*1	595*595*22	3400		
-	> 65	12*24*2	289*595*45	1700	62	250
		20*20*2	492*492*45	2380		
		20*24*2	492*595*45	2800		
		24*24*2	595*595*45	3400		

\* Special Sizes are available upon request.

## Material and Service Conditions

Type		Description
Construction	Media	Polyester Fiber, Acetate Fiber & Nylon
	Frame Material	Card Board      Metal Frame
	Support Grid	Anticorrosion Metal Support Grid
Service Conditions	The maximum continuous use temperature	°C 60
	Instant Highest Humidity	% RH 100 (No condensation state)



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