



# 不織布空氣濾網

## Non-Woven Air Filter

Testing Method (測試方法)	Dot Spot Efficiency (in NBS) 比色法	Arrestance (in AFI) 比重法
	-	> 65%
	ASHRAE Standard 52.1-1992 (Equal to EN 779)	

### 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.

### Outer Frame:

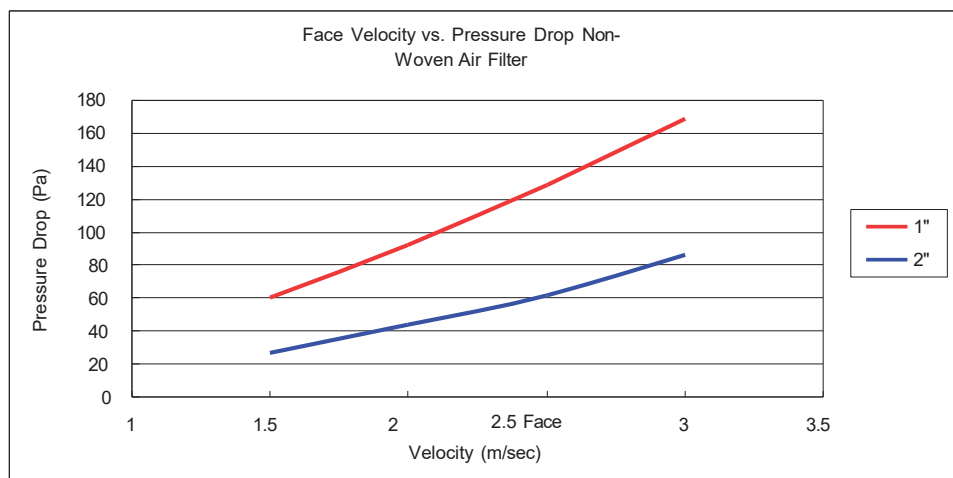
The filters are available in a wide variety of sizes, styles, and thicknesses. The width of the filters is up to 2.9M. They can be framed by Beverage Board, Galvanized Steel, Aluminum or Stainless Steel. Dimensions can be tailor-made to meet customer's requirement or roll sizes.

**特色：**濾材具有高透氣性、低壓損、高效率之特性，於特殊用途上，如耐酸、耐鹼等條件，均可製作供應。此濾網有不同的尺寸、樣式、厚度，寬度最大可到2.9M。

**效率：**依ASHRAE52.1-1992標準，比重法效率大於65%以上。

**濾材：**纖維濾材以多元酯、尼龍及醋酸纖維組成，以多向性軋針法製成之纖維網，纖維交接點完全接合，達到高集塵效果。

**外框：**框材可選用紙框、鍍鋅鐵框、鋁框或不銹鋼框。濾材可依客戶之尺寸需要裁剪或整捲供應。





## Performance Data – Non-Woven Air Filter

## 初級濾網性能表 - 不織布空氣濾網

Efficiency 效率 (%)		Nominal Size 通稱尺寸 (H*W*D) (inch)	Actual Size 實際尺寸 (H*W*D) (mm)	Rated Capacity 額定風量 (CMH)	Pressure Drop 壓力損失 (Pa)	
Dot Spot Efficiency (in NBS) 比色法	Arrestance (in AFI) 比重法				Initial Resistance 初壓損	Final Resistance 末壓損
-	> 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.

※特殊規格可生產製造。

## Material and Service Conditions

材質、使用條件

Type 型式		Description 說明	
Construction 總成	Media 濾材	Polyester Fiber, Acetate Fiber & Nylon 多元酯、尼龍和醋酸纖維組成	
	Frame Material 外框材質	Card Board 紙框	Metal Frame 金屬框
	Support Grid 支撐網	Anticorrosion Metal Support Grid 抗蝕性的金屬支撐網	
Service Conditions 使用條件	The maximum continuous use temperature 連續使用最高溫度	°C	60
	Instant Highest Humidity 使用瞬間最高濕度	% RH	100 (No condensation state) 100 (無結露狀態下)



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