

## PRODUCT OVERVIEW

- MERV 5, 7, 8, 9 and 10 high-loft poly medias available
- 2, 3 and 4-ply construction
- Custom sized panels, links and cubes available
- Cube configurations available as
  - Single-pocket
  - Multi-pocket,
  - Star-Pocket cubes
- Available options
  - Header
  - Anti-microbial
- Max temperature - 120° F
- Ideal for use in:
  - Manufacturing and Distribution
  - Office and Retail
  - Government and Education facilities
  - Hotels and Airports
  - Primary or secondary filter in HVAC systems



## PANEL, LINK, CUBE AND SLEEVE ROLL FILTERS

- Panels, Links, Cubes, and Sleeve Rolls have distinct filter layers used to progressively remove finer particles as air travels towards the downstream side, maximizing efficiency and life
- The Panels, Links and Cubes are permanently heat-sealed around an internal wire galvanized frame
- Approach or exceed the performance and service life of a shallow pleated filter
- Panel filters are linkable and self-gasketing, friction-fit frames can often eliminate the need for extra mounting hardware
- Linked panels can reduce change out times by up to 70%
- Up to 3x the capacity and service life of other panel filters
- Wire galvanized frame for sturdiness and moisture resistance
- Self-gasketing design prevents air by-pass
- Will not promote microbial growth
- Can be used as a pre-filter
- Media is non-allergenic, unaffected by moisture, humidity and most corrosive chemicals

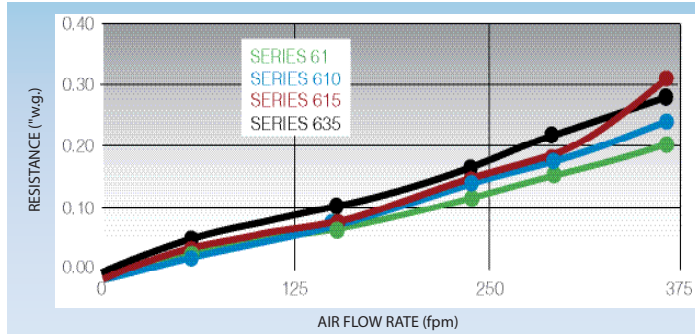


# PANEL, LINK, CUBE AND SLEEVE ROLL FILTERS

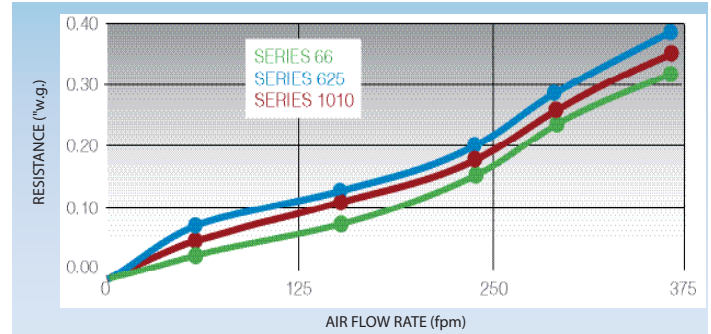
## PERFORMANCE DATA

SERIES	INITIAL RESISTANCE ("w.g.)				
	74 fpm	148 fpm	221 fpm	295 fpm	369 fpm
61	0.04	0.07	0.11	0.15	0.20
610	0.04	0.08	0.13	0.17	0.23
615	0.03	0.08	0.14	0.22	0.31
635	0.06	0.10	0.15	0.21	0.27
66	0.03	0.08	0.15	0.23	0.32
625	0.07	0.13	0.20	0.29	0.39
1010	0.05	0.11	0.18	0.26	0.35

## INITIAL RESISTANCE



## INITIAL RESISTANCE



## MEDIA APPLICATION AND PERFORMANCE MATRIX

MEDIA GRADE	COLOR	MEDIA	TACKIFIER	APPLICATION	MERV	INITIAL RESISTANCE @ 300 fpm ("w.g.)
Series 61	White/White	2 Ply Poly	Does not have tackifier	Light Commercial and Industrial HVAC	5	0.15
Series 610	Blue/White	2 Ply Poly	Light, non-migrating tackifier on downstream side of final ply	Light Commercial and Industrial HVAC	7	0.17
Series 615	Blue/White	2 Ply Poly	Internal, non-migrating wet tackifier on downstream side of 1st ply	Light Commercial and Industrial HVAC	8	0.22
Series 635	Green/White	3 Ply Poly	Two non-migrating tackifiers: internal wet tackifier on 1st ply, dry tackifier on final ply	Light Commercial and Industrial HVAC	8	0.21
Series 66	Orange/White	3 Ply Poly	Anti-microbial treatment; Non-migrating, super-tackifier on final ply	Light Commercial and Industrial HVAC applications where added protection from threatening microbial growth is required	9	0.23
Series 625	Pink/White	3 Ply Poly	Internal, non-migrating, wet tackifier on 2nd ply	Heavy Duty high velocity commercial and industrial HVAC	9	0.29
Series 1010	Green/White	4 Ply Poly	Two non-migrating tackifiers: internal wet tackifier on 2nd ply, super-tackifier on final	Heavy dirt loading and high velocity applications	10	0.26

## ENGINEERING SPECIFICATIONS

### 1.0 General

- 1.1 Filters shall be Aerostar® Series [61, 610, 615, 635, 66, 625 & 1010] Panel, Link and Cube filters as manufactured by Filtration Group.
- 1.2 Underwriters Laboratories classified to UL 900.
- 1.3 Filters are manufactured by an ISO 9001 registered company.

### 2.0 Filter Materials of Construction

- 2.1 Media shall be 100% synthetic, mechanical media that does not support microbial growth.
- 2.2 Media shall be heat sealed around internal wire frame.

- 2.3 Media shall be constructed with [61, 610, 615, 635, 66, 625 & 1010] (2, 3 or 4) distinct layers of graduated density from coarse to fine, optimizing the capturing of large and small particles.
- 2.4 Media shall contain a non-migrating tackifier.
- 2.5 Filters shall contain a self-gasketing perimeter assuring a leak-proof performance.

### 3.0 Filter Performance

- 3.1 Filters shall be MERV [5, 7, 8, 9 & 10] when fully tested in accordance with ASHRAE 52.2 Test Standard.
- 3.2 For initial resistance of filters, see Performance Data chart above.





# ORDERING INFORMATION

## PANELS

**0 1**

PRODUCT TYPE  
01 = All Panels/Links

**6 1**

MEDIA SERIES  
61 = Series 61  
610 = Series 610  
615 = Series 615  
635 = Series 635  
66 = Series 66  
625 = Series 625  
1010 = Series 1010

**0 8**

PANEL HEIGHT  
(in inches)  
From 4" to 36"  
Always use a 2 digit number

**D**

A = .13 (1/8")  
B = .25 (1/4")  
C = .38 (3/8")  
D = .50 (1/2")  
E = .63 (5/8")  
F = .75 (3/4")  
G = .88 (7/8")  
If no fraction, leave blank

**3 2**

PANEL WIDTH  
(in inches)  
From 6" to 72"  
Always use a 2 digit number

**F**

A = .13 (1/8")  
B = .25 (1/4")  
C = .38 (3/8")  
D = .50 (1/2")  
E = .63 (5/8")  
F = .75 (3/4")  
G = .88 (7/8")  
If no fraction, leave blank

### EXAMPLES:

Part Number **0161508D32F** is a 8½x32¾ – 2-ply Blue/White (Series 615) panel filter.

Part Number **016251212** is a 12x12 – 3-ply Pink/White (Series 625) panel filter.

Full list of standard panels are available in the price pages. Please consult Customer Care for additional sizes and information.

## LINKS

**0 1**

PRODUCT TYPE  
01 = All Panels/Links

**6 1 5**

MEDIA SERIES  
61 = Series 61  
610 = Series 610  
615 = Series 615  
635 = Series 635  
66 = Series 66  
625 = Series 625  
1010 = Series 1010

**0 8**

PANEL HEIGHT  
(in inches)  
From 4" to 30"  
Always use a 2 digit number

**D**

A = .13 (1/8")  
B = .25 (1/4")  
C = .38 (3/8")  
D = .50 (1/2")  
E = .63 (5/8")  
F = .75 (3/4")  
G = .88 (7/8")  
If no fraction, leave blank

**3 2**

PANEL WIDTH  
(in inches)  
From 6" to 30"  
Always use a 2 digit number

**F**

A = .13 (1/8")  
B = .25 (1/4")  
C = .38 (3/8")  
D = .50 (1/2")  
E = .63 (5/8")  
F = .75 (3/4")  
G = .88 (7/8")  
If no fraction, leave blank

**L 2**

NUMBER OF LINKS  
L2 = 2 Links  
L3 = 3 Links  
L4 = 4 Links  
...from 2 to 36 links available

### EXAMPLES:

Part Number **0161508D32FL2** is a 8½x65½ (2 – 8½x32¾ panels) – 2-ply Blue/White (Series 615) link filter.

Part Number **016251212L5** is a 12x60 (5 – 12x12 panels) – 3-ply Pink/White (Series 625) link filter.

Full list of standard links are available in the price pages. Please consult Customer Care for additional sizes and information.



## SLEEVES ROLLS

**0 6**  
 PRODUCT TYPE  
 06 = All Sleeve Rolls

**6 2 5**  
 MEDIA SERIES  
 610 = Series 610  
 615 = Series 615  
 635 = Series 635  
 66 = Series 66  
 625 = Series 625

**0 9**  
 ROLL WIDTH  
 (in inches)  
 From 6" to 25"  
 Always use a 2 digit number

**1 3 5**  
 ROLL LENGTH  
 (in feet)  
 90 = 90 FEET  
 135 = 135 feet

### EXAMPLES:

Part Number **0662509135** is a 9"x135' – 3-ply Pink/White (Series 625) sleeve roll filter.

Full list of standard sleeve rolls are available in the price pages. Please consult Customer Care for additional sizes and information.

## CUBES

**1 0**  
 PRODUCT TYPE  
 10 = All Cubes

**6 1 5**  
 MEDIA SERIES  
 615 = Series 615  
 635 = Series 635  
 66 = Series 66  
 625 = Series 625  
 1010 = Series 1010

**2 0**  
 CUBE HEIGHT  
 12 = 12 inches  
 16 = 16 inches  
 20 = 20 inches  
 24 = 24 inches

**2 4**  
 CUBE WIDTH  
 20 = 20 inches  
 24 = 24 inches  
 25 = 25 inches

**1 0**  
 CUBE DEPTH  
 10 = 10 inches  
 15 = 15 inches  
 20 = 20 inches

**2**  
 POCKET CONFIGURATION  
 (leave blank) = 1 pocket  
 2 = 2 pockets  
 3 = 3 pockets  
 S = Star pocket

**H**  
 HEADER  
 (leave blank) = no header  
 H = header

### EXAMPLES:

Part Number **106152024102** is a 20x24x10 – 2-ply Blue/White (Series 615) 2-pocket cube filter.

Full list of standard cubes are available in the price pages. Please consult Customer Care for additional sizes and information.