FG™
Indoor Air Quality

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

AEROSTAR® 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

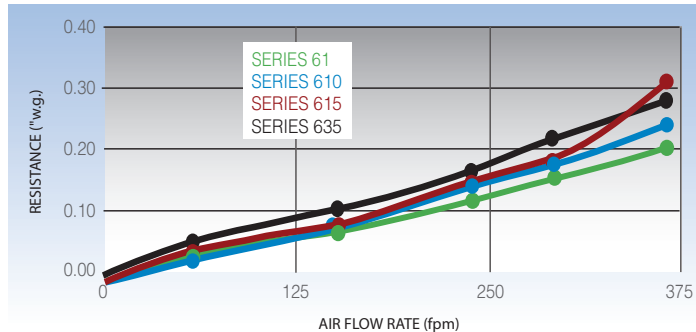- Media is non-allergenic, unaffected by moisture, humidity and most corrosive chemicals
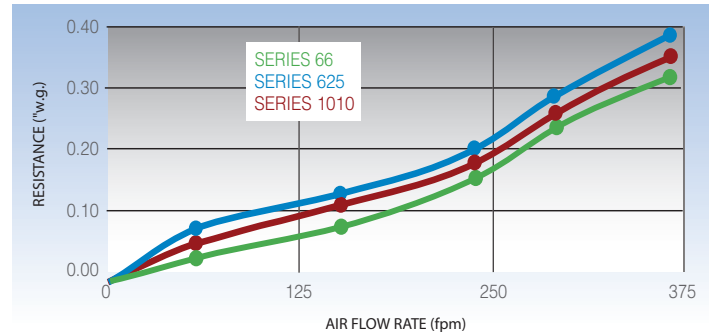
United States • Phone: +1 800 739.4600 • cc-inquiry@filtrationgroup.com | **Canada** • Phone: +1 888 628.3458 • inquirycanada@filtrationgroup.com

FiltrationGroupIAQ.com

AEROSTAR®

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.

FG™ Indoor Air Quality

AEROSTAR® ORDERING INFORMATION

PANELS

01	61	08	D	32	F

PRODUCT TYPE
01 = All Panels/Links

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

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

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

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

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

01	615	08	D	32	F	L2

PRODUCT TYPE
01 = All Panels/Links

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

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

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

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

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

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:

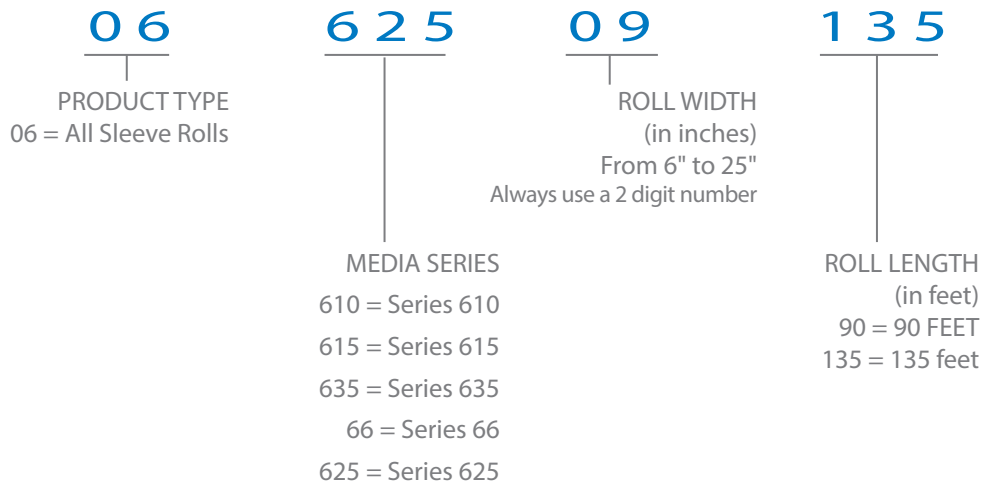Part Number 0161508D32FL2 is a 8½x65½ (2 – 8½x32¾ panels) – 2-ply Blue/White (Series 615) link filter.

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.

FG™ Indoor Air Quality

AEROSTAR® — ORDERING INFORMATION

SLEEVES ROLLS

0 6 **6 2 5** **0 9** **1 3 5**

PRODUCT TYPE
06 = All Sleeve Rolls

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

ROLL WIDTH
(in inches)
From 6" to 25"
Always use a 2 digit number
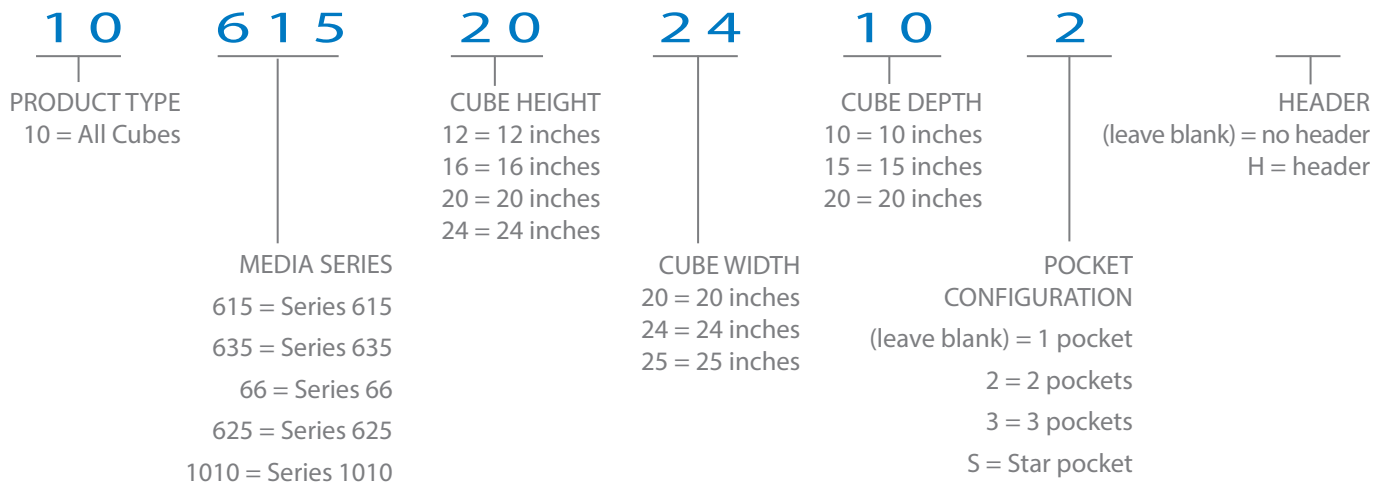
ROLL LENGTH
(in feet)
90 = 90 FEET
135 = 135 feet

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 **6 1 5** **2 0** **2 4** **1 0** **2**

PRODUCT TYPE
10 = All Cubes

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

CUBE HEIGHT
12 = 12 inches
16 = 16 inches
20 = 20 inches
24 = 24 inches

CUBE WIDTH
20 = 20 inches
24 = 24 inches
25 = 25 inches

CUBE DEPTH
10 = 10 inches
15 = 15 inches
20 = 20 inches

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

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.

FG™ Indoor Air Quality