

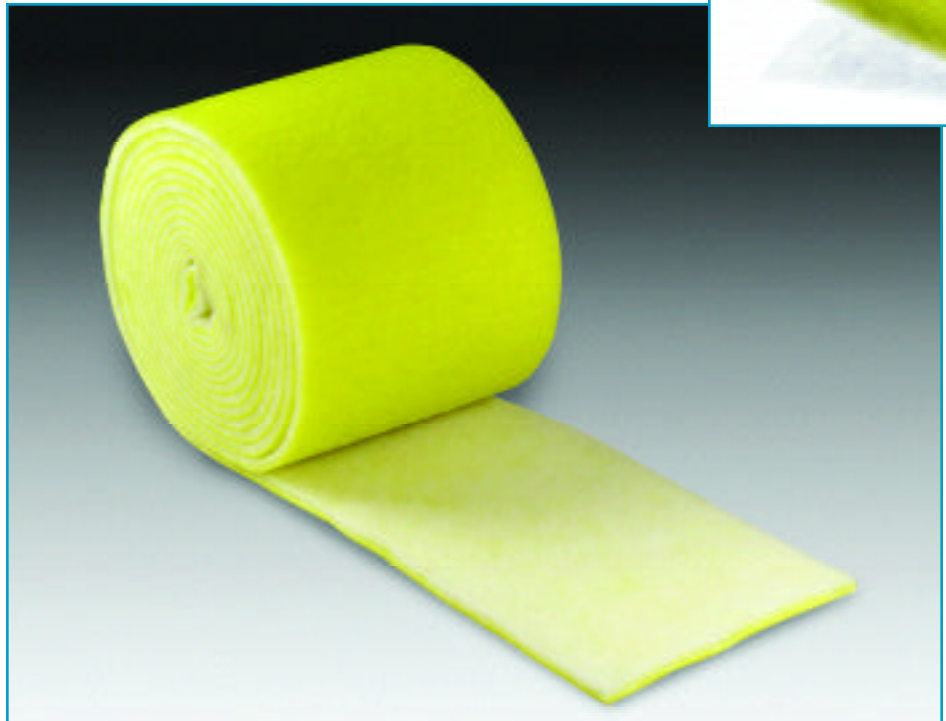
# FILTRATION GROUP

## EC OVERSPRAY MEDIA



### PAINT AND FINISHING

- Exhaust Cleaner product line
- General purpose overspray media
- Keeps fans and stacks clean
- 1" loft with 3.7 lbs of paint holding
- 99.8% efficient
- UL Class 2
- Up to 84" widths
- Slit rolls of 90' in length
- Standard pads and custom blankets
- One, two and three pocket cubes



### DESCRIPTION

**T**he EC media is a 1" polyester media made with a dual layer construction. The combination creates a dual stage filter with the air entry layer of 15 denier fibers lofted as much as possible to create a generous paint holding layer.

The exit stage is a layer of 6 denier fibers that has been needled and tinted yellow to insure proper installation.

EC media is available in bulk rolls up to 84" in width and 90' in length. Also available are slit rolls, custom blankets, and standard pads, boxed and ready to be shipped to your plant. The media can also be formed into one, two, and three pocket cubes to provide additional surface area and even more paint holding capacity.

### BENEFITS

The generous paint holding capacity means that your filters will last longer. The tight exit layer gives the removal efficiency you need to keep your fans, stack and parking lot free of overspray. Additionally, the needled layer, with good tensile strength means that your blankets will not sag or fall off the mounting hardware.

### APPLICATIONS

The media is designed for crossdraft and downdraft paint booths, as well as open spray stations. EC media is acceptable for all spraying applications and will provide protection of your fan and stack.



**PAINT ARRESTANCE FILTER TEST REPORT**
**Spray Removal Efficiency & Paint Holding Capacity**

Tested For:	Filtration Group
Filter Mfr:	Filtration Group
Filter Name/Model:	EC
Report #/Test #:	R297 T408
Report Date:	June 24, 2001

**Test Information**

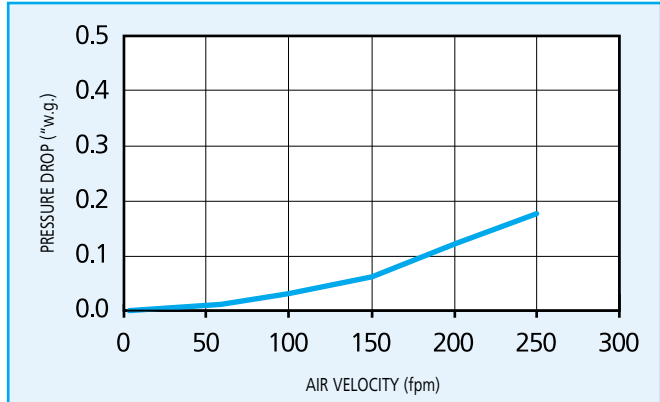
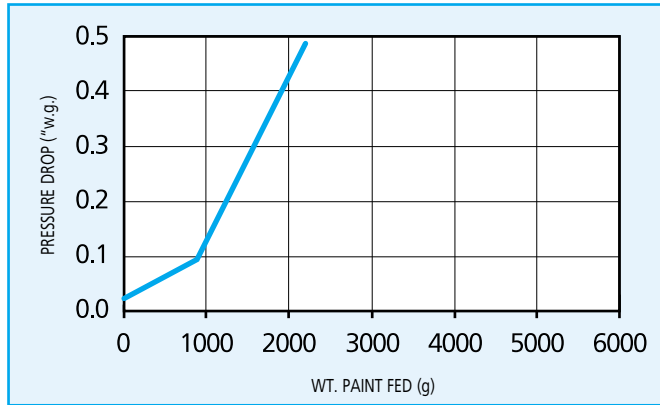
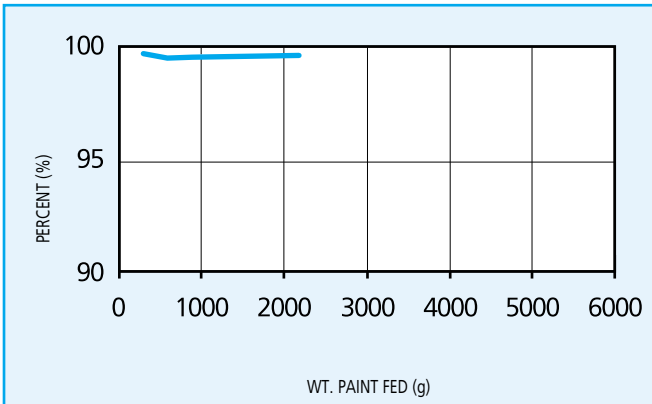
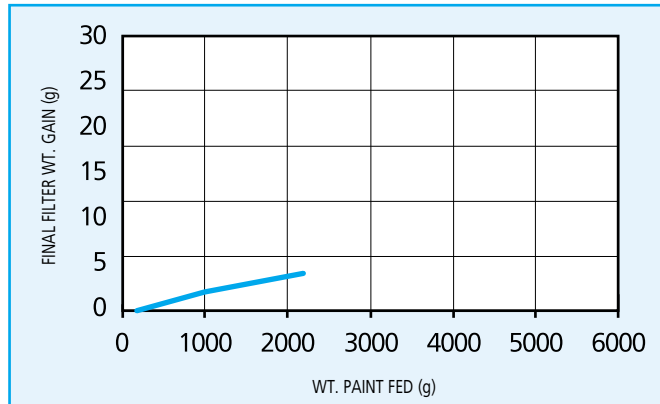
Filter Description (20" x 20" pad):	White on yellow highloft polyester
Paint Description:	High Solids Baking Enamel (S.W. Permaclad 200, red)
Paint Spray Method:	Conventional Air Gun @ 40 PSI
Spray Feed Rate:	143 gr./min. 130 cc./min.
Air Velocity:	150 fpm

**Test Results**

Initial Pressure Drop of Clean Test Filter:	0.02" w.g.
Final Pressure Drop of Loaded Test Filter:	0.49" w.g.
Weight Gain on Test Filter & Test Frame Trough	1781 grams
Paint Holding Capacity of Test Filter	1696 grams = 3.7 lbs.
Paint Run-Off	85 grams
Weight Gain-Final Filter	4.1 grams = Penetration
Average Removal Efficiency of Test Filter:	99.77%

Test Engineer:	Al Vatine
Supervising Engineer:	K.C. Kwok, Ph.D.

Test data valid for no more than 3 years.

**CLEAN FILTER**

**PRESSURE DROP**

**% REMOVAL EFFICIENCY**

**PENETRATION**


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**FILTRATION GROUP**

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