

DAFCO FILTRATION GROUP®

EC-XL OVERSPRAY MEDIA



PAINT AND FINISHING

- Exhaust Cleaner product line
- Premium overspray media with dual layer construction
- Keeps fans and stacks clean
- 1" loft with 5.5 lbs of paint holding
- 99.6% 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

The EC-XL 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 45 and 100 denier fibers lofted as much as possible to create a generous paint holding layer.

The exit stage is a layer of 6 and 3 denier fibers that has been needled and tinted pink to ensure proper installation.

EC-XL 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 than the EC media. Paint holding capacity is 50% higher than that of EC.

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 excellent 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-XL 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-XL
Report #/Test #:	R299 T410
Report Date:	June 28, 2001

Test Information

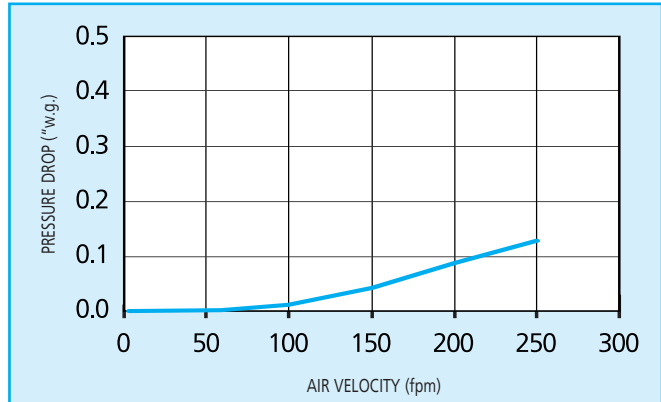
Filter Description (20" x 20" pad):	White on pink highloft polyester
Paint Description:	High Solids Baking Enamel (S.W. Permaclad 200, red)
Paint Spray Method:	Conventional Air Gun @ 40 PSI
Spray Feed Rate:	143 gr./min. 130 cc./min.
Air Velocity:	150 fpm

Test Results

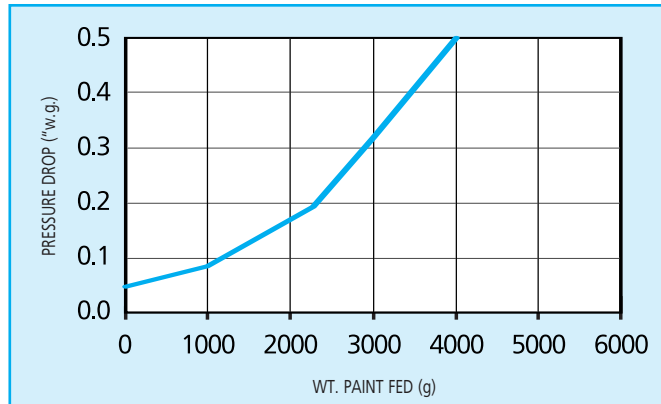
Initial Pressure Drop of Clean Test Filter:	0.05" w.g.
Final Pressure Drop of Loaded Test Filter:	0.52" w.g.
Weight Gain on Test Filter & Test Frame Trough	2888 grams
Paint Holding Capacity of Test Filter	2486 grams = 5.5 lbs.
Paint Run-Off	402 grams
Weight Gain-Final Filter	11.2 grams = Penetration
Average Removal Efficiency of Test Filter:	99.61%

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

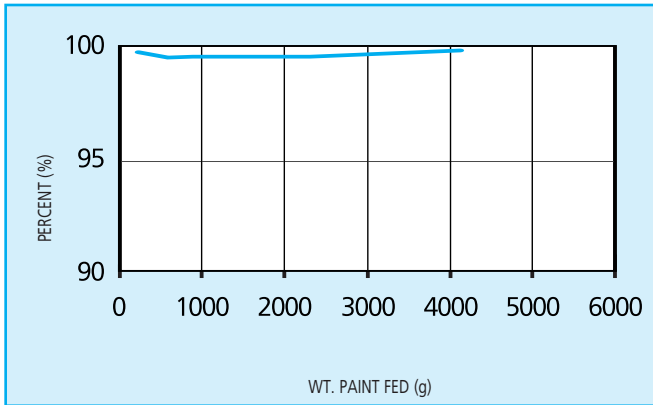
CLEAN FILTER



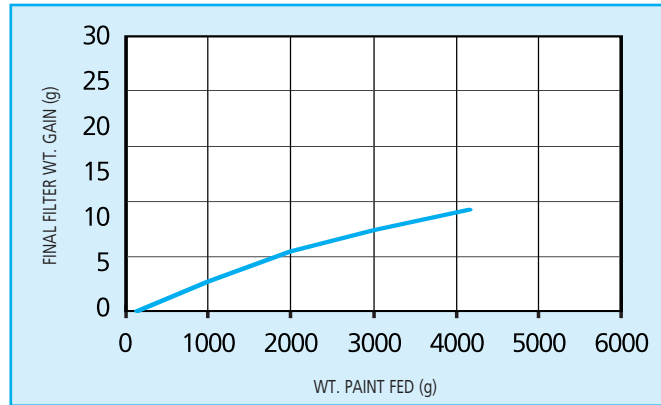
PRESSURE DROP



% REMOVAL EFFICIENCY



PENETRATION



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