

CC-600 G & FF-560 GX DIFFUSION MEDIA



FULL ADHESIVE
PENETRATION

GRADIENT DENSITY
STRUCTURE



- ▶ **Final Filtration Barrier** to paint-damaging particles from the intake air stream
- ▶ **UL 900 Class 1** and self extinguishing
- ▶ **100% Adhesive Saturation for Maximum Protection**
- ▶ **R0 Rating on Particle Migration Test**

DESCRIPTION

Filtrair's CC-600 G and FF-560 GX Diffusion Media are synthetic fiber-based nonwoven filter products developed and manufactured at Filtrair's own high-tech production facility. The filter media are constructed from selected high performance fine denier fibers in a gradient density multi-layering technique to ensure high depth loading with optimal lowest pressure drop performance.

These media are thermally bonded and impregnated in full depth with a proprietary adhesive coating to prevent any release of fibers and migration of paint-damaging particles larger than 5 microns due to vibration of the system, even under varying temperature conditions.

The clean air side is particularly dense and reinforced with a supporting woven open-mesh scrim. This results in a long filter life, high fractional efficiency, prevention of particle migration and reduced energy and maintenance costs.

FEATURES AND BENEFITS

- ▶ **APPROVED BY MAJOR AUTOMOTIVE MANUFACTURERS**, so it can be used with complete confidence
- ▶ **FULL PENETRATION OF SPECIAL ADHESIVE** prevents any release of fibers and migration of particles larger than 5 microns
- ▶ **GRADIENT DENSITY STRUCTURE ENSURES** a uniform air distribution throughout the spray booth.

APPLICATIONS

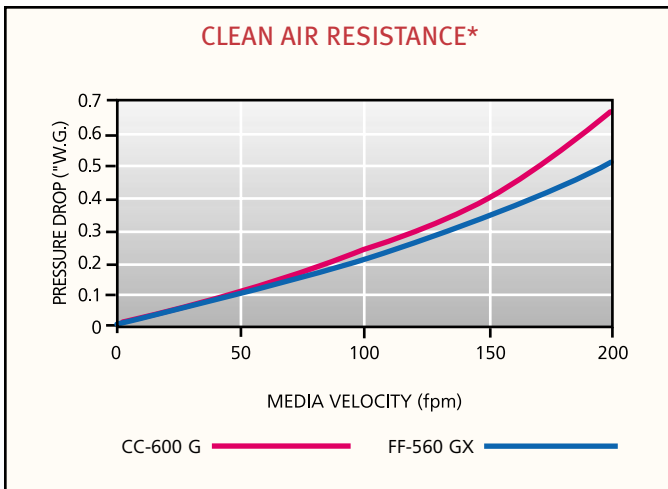
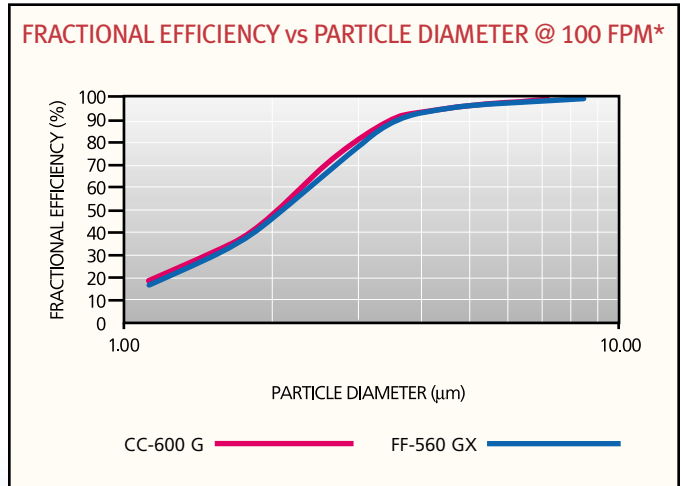
Filtrair Diffusion Media is specifically designed to be used in the ceiling of paint spray installation in auto assembly plants and down-draft spray cabins in auto refinishing facilities. The media acts as a final filtration barrier to paint-damaging particles from the air stream. Required where high gloss and high-tech performance finishes are a must.

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DIFFUSION MEDIA TECHNICAL DATA

Performance	Units	CC-600 G	FF-560 GX
Media Velocity	fpm	100	100
Initial Resistance	"w.g.	0.23	0.20
Average Efficiency on Particles > 5 µm*	%	> 99	> 99
Thickness	in	0.80	0.87
Basis Weight	g/m ²	570	470
Temperature Resistance	°F	212	212
Temperature Resistance Peaks	°F	250	250
Media Adhesive Saturation	-	Full	Full
Flammability	UL 900	Class 1	Class 1
Particle Migration Test	-	R0	R0

* Aerosol: KCl



* All data given are historical averages with usual accepted tolerances

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