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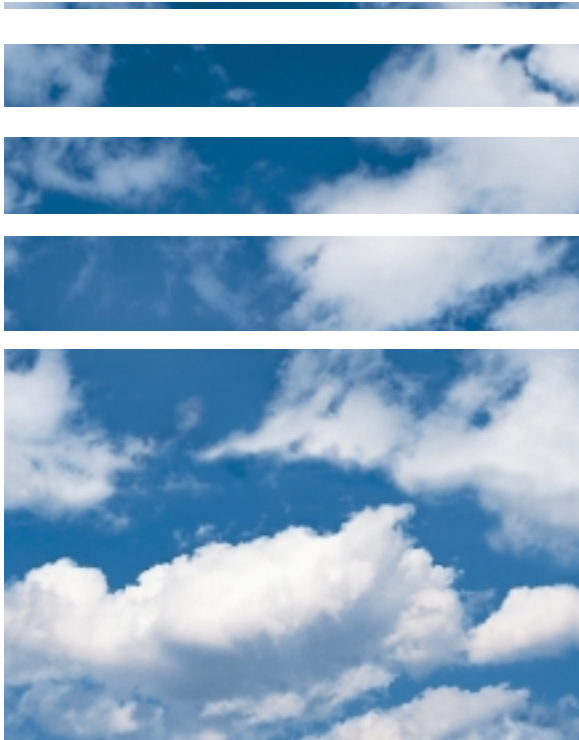
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AAF has a policy of continuous product research and improvement and reserves the right to change design and specifications without notice.



PaintSpray

Reliable, high performance
filter pads, cells and rolls
for paint booth and drying
operations



B E T T E R A I R I S O U R B U S I N E S S ®



AmerGlas PaintStop: Pads, rolls and cells

PaintStop Orange

Industrial grade media for heavy duty paint overspray removal.

- A specially formulated thermosetting resin provides high compression strength preventing PaintStop media from collapsing and face-loading as they become saturated.
- Longer service intervals.
- Suitable for quick drying paint and varnish.
- Progressive density and high compression strength provide in-depth filtration.
- Meets most stringent environmental codes for exhaust air.

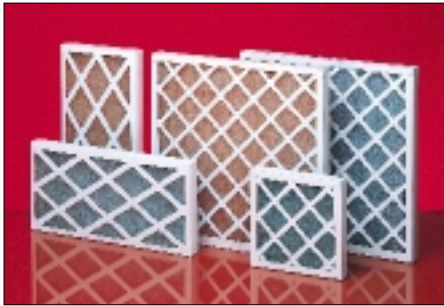
PaintStop Green

Commercial grade media for paint overspray removal.

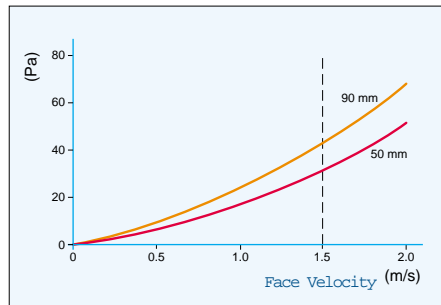
- Economical in use.
- Open weave fibre pattern holds more paint than competitive commercial grades.
- Effectively removes paint overspray of all types of paint-lacquer.
- Protects exhaust ducts, fans and motors from paint build-up.
- Clean exhaust air is discharged to the atmosphere.



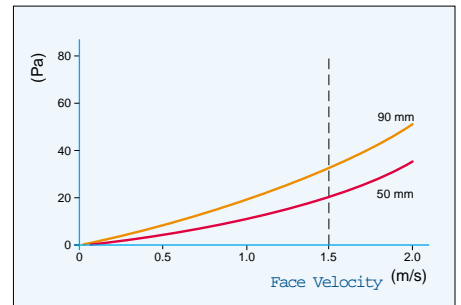
AmerGlas Paintstop Orange and Paintstop Green pads and rolls



AmerGlas Paintstop Orange and Paintstop Green filters



PaintStop Orange resistance curves



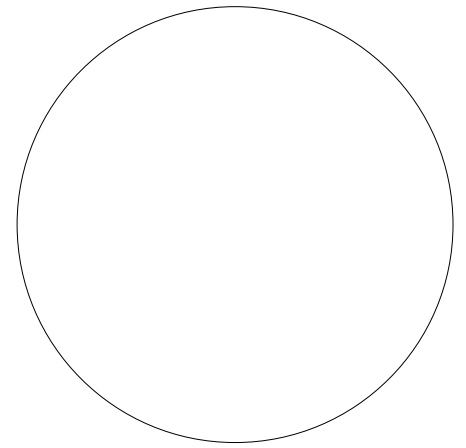
PaintStop Green resistance curves

Technical data

Type	PaintStop Orange		PaintStop Green	
	2" (50mm)	4" (90mm)	2" (50 mm)	4" (90 mm)
Thickness	2" (50mm)	4" (90mm)	2" (50 mm)	4" (90 mm)
Face velocity (m/s)	0.7 - 1.75	0.7 - 1.75	0.7 - 1.75	0.7 - 1.75
Initial resistance (Pa)	10 - 40	15 - 44	6 - 30	10 - 40
Recommended final resistance (Pa)	130	130	130	130
Paint spray retaining capacity (g/m ²)	4500	6500	3500	5900
Paint overspray arrestance (%)	95	98	90	95
Temperature limits (°C)	-15 to +65	-15 to +65	-15 to +80	-15 to +80
Media colour	orange tint air leaving side		green tint air leaving side	

Dimensions

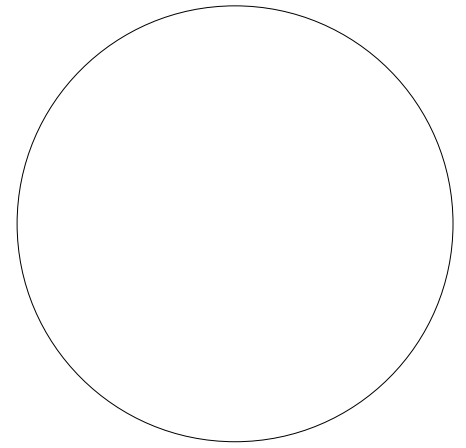
Standard size pads		Standards size cells		Standard size rolls	
Nominal inch	Actual mm	Nominal inch	Actual mm	Nominal ft x inch x inch	Actual m x mm x mm
20x20x2	514x514x50	20x20x2	494x494x45	65x60x2	20x1524x50
20x20x4	514x514x90	20x20x4	494x494x94	65x40x2	20x1016x50
24x24x2	616x616x50	24x24x2	595x595x45	65x20x2	20x 508x50
24x24x4	616x616x90	24x24x4	595x595x94	65x60x4	20x1524x90



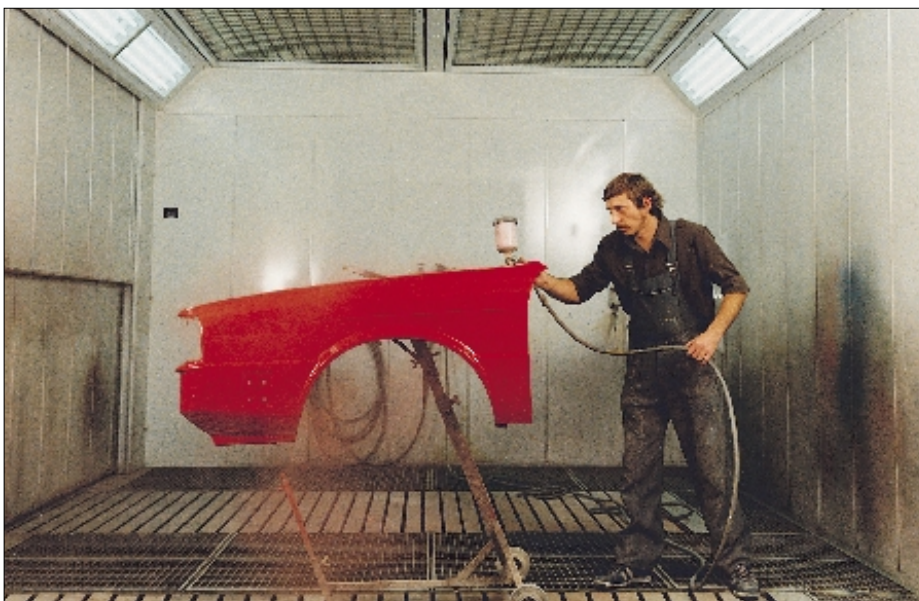
Lightly loaded air entering side
Close-up photo shows open weave pattern that allows overspray (red paint shown) to penetrate deep into the pad.



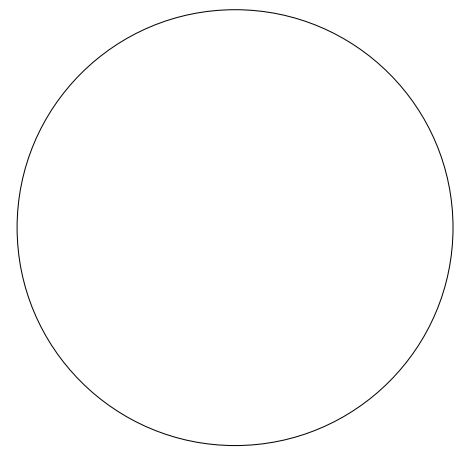
Application



Heavily loaded air entering side
Same magnification of heavily loaded pad illustrates the large holding capacity of each fibre. The open space between fibres continues to permit good airflow and allow paint to penetrate.



Application



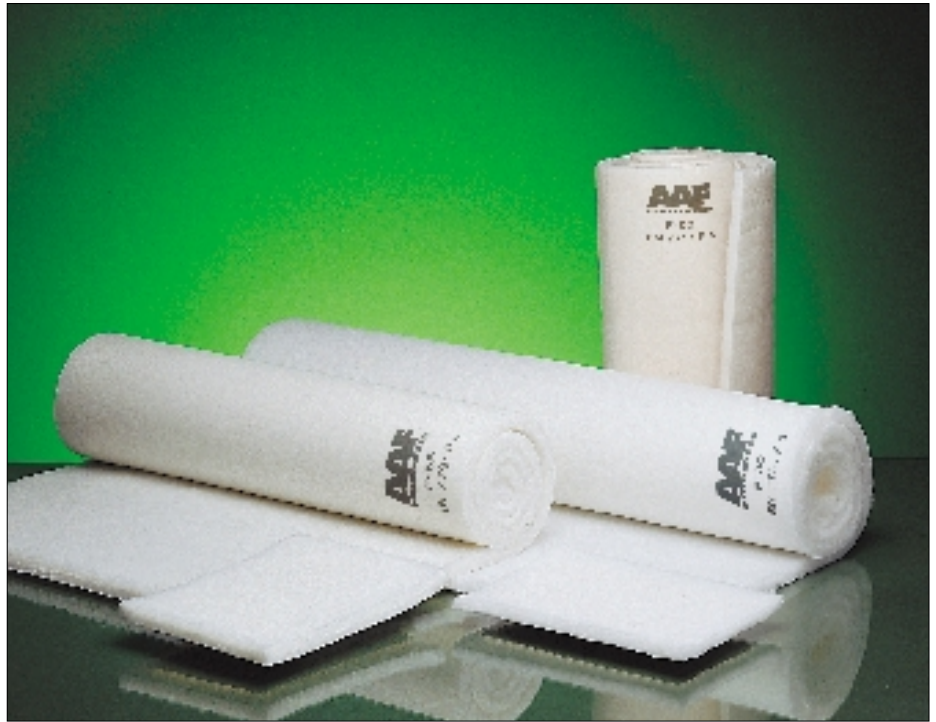
Heavily loaded cross section
Cross section shows how PaintStop is completely utilized by collecting paint throughout the full depth.

AmerTex synthetic filter media: Pads, rolls and cells

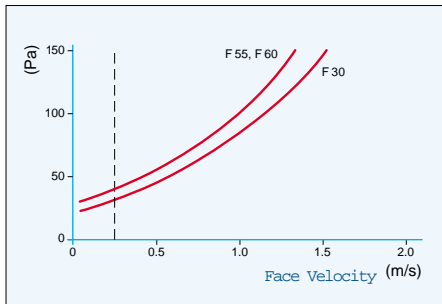
F-series

High efficiency synthetic filter media for paint booth applications.

- Consists of a scientific blend of synthetic fibres in a multi-layer structure.
- Ensures an even airflow through the booth.
- F30 'Fine' is a dry media with a dense and smooth air leaving side.
- F55 'Super Fine' is impregnated with a special adhesive, giving excellent resistance against dust migration caused by vibration. Provided with a very dense and smooth air leaving side.
- F60 'Super Fine Scrim' is of the same quality as the F55 media but has been reinforced with a special smooth matting on the air leaving side, giving the media a sturdiness which makes it also suitable for larger filter surfaces.



AmerTex F-series filter media



F-series resistance curves



Application



Application

Technical data

Type	F30 Fine	F55 Super Fine	F60 Super Fine Scrim
Face velocity (m/s)	0.7	0.25	0.25
Initial resistance (Pa)	60	35	35
Recommended final resistance (Pa)	400	400	400
Average efficiency (%)	40-45	45-50	45-50
Average arrestance (%)	96	98	98
EN 779 Class	F 5	F 5	F 5
Media colour	white	white	white and scrim

R-series

Industrial grade synthetic prefilters for paint booth applications.

- Selected synthetic fibres, progressively packed to provide in-depth filtration and high dust holding capacity.
- Economical to use, cleanable with compressed air or warm water.
- Easy to handle, cut and fit on site.

Standard sizes

(F- and R-series)

Rolls (m) 2 x 20, 1 x 20

Pads in all common sizes.

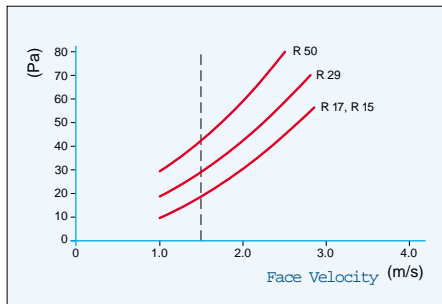
Fire retardance

All AmerTex synthetic media are fire retardant to DIN 53438, classification F1/K1.

Maximum continuous operating temperature is 100°C.



AmerTex R-series filter media



R-series resistance curves



Application

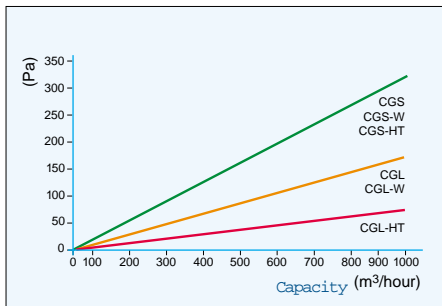
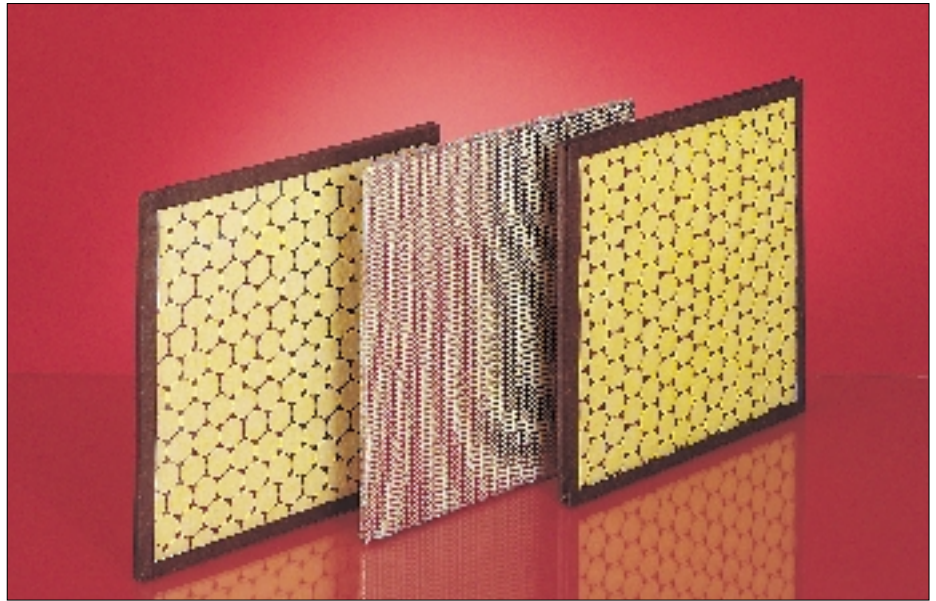
Technical data

Type	R15 Economy	R17 Durable	R29 Standard	R50 Super
Face velocity (m/s)	1.5	1.5	1.5	1.5
Initial resistance (Pa)	20	20	35	45
Recommended final resistance (Pa)	130	130	200	200
Average arrestance (%)	75-80	75-80	80-85	87-92
EN 779 Class	G2	G2	G3	G4
Media colour	white	white	white	white

High efficiency diffusion filter cells

CG-series

- Filter media made from very fine glass fibres bonded together into a uniform, high-efficiency filter pad.
- Clean air side is protected with a white glass fibre scrim to prevent fibre migration and ensure even airflow.
- Specially suitable as final ceiling filter when a high degree of air cleanliness is required.
- Types CGS and CGL: rigid chipboard cell sides.
- Types CGS-W and CGL-W: collapsible chipboard cell sides.
- Types CGS-HT and CGL-HT: filter media enclosed in expanded aluminium for high temperature drying applications.



CG-series resistance curves (size 480x480)



Application

Technical data

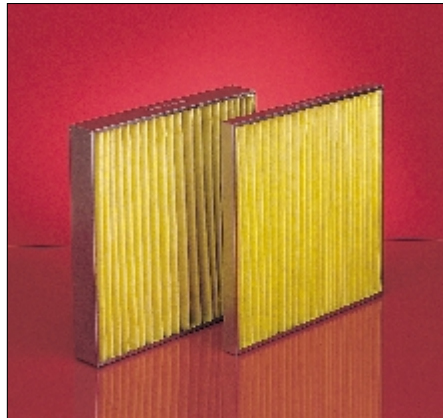
Type	CGS	CGS-W	CGS-HT	CGL	CGL-W	CGL-HT
Cell sides	rigid chipboard	collapsible chipboard	expanded aluminium	rigid chipboard	collapsible chipboard	expanded aluminium
Face velocity (m/s)	0.6	0.6	0.6	1.2	1.2	1.2
Initial resistance (Pa)	160	160	160	170	170	75
Recommended final resistance (Pa)	550	550	550	550	550	550
Average resistance (%)	98	98	98	95	95	95
EN 779 Class	F5	F5	F5	G4	G4	G4
Maximum operating temperature (°C)	90	90	200	90	90	300
Dimensions (mm)	480x480	480x480	480x480	480x480	480x480	480x480
Thickness (mm)	15	20	15	15	20	15

AmAir HT

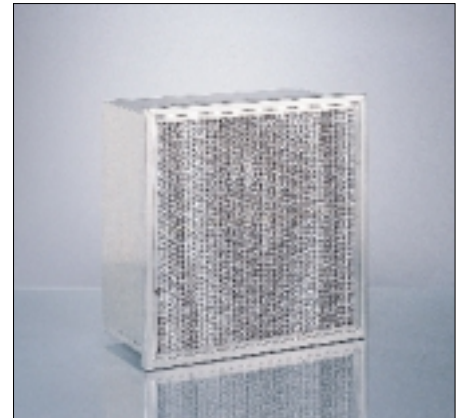
- Filter media made from ultrafine high loft glass fibres, uniform pleats supported with a welded wire mesh.
- Bonded into aluminized U-steel cell sides with metal faceguard welded to the air leaving side.
- Suitable for upgrading of filter installation to higher efficiency levels.

VariCel HT 500

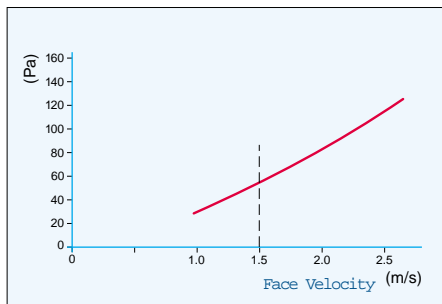
- Filter media made from ultrafine wet-laid glass fibres pleated into a rigid media pack.
- Aluminized steel cell sides and faceguards provide high structural strength.
- Suitable for recirculating air in automotive paint drying ovens.



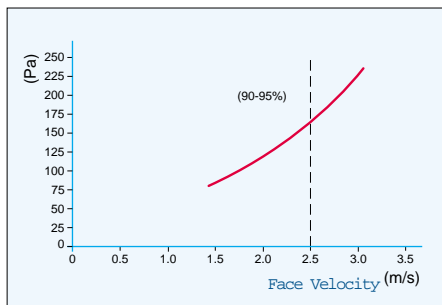
AmAir HT filter



VariCel HT 500 filter



AmAir HT resistance curve



VariCel HT 500 resistance curve



Application

Technical data

Type	AmAir HT	VariCel HT 500
Cell sides	aluminized steel	aluminized steel
Thickness (mm)	45	292
Face velocity (m/s)	1.5	2.5
Initial resistance (Pa)	50	165
Recommended final resistance (Pa)	300	300
Average efficiency (%)	30-35	90-95
EN 779 Class	G4	F8
Max. operating temp. (°C)	260	260