

Finding solutions, Serving needs, Covering requests



Filtrex being loyal to the long - term co-operation with leading European firms, can provide solutions in the complex venture of filtering, indicating the most suitable material to retain the particles in the desirable speed.



Filtrex serves the field of filter production since 1985 while remaining faithful to technological development in order to ensure the quality of the products and the reliability of the brand name. Our clientele varies from industrial application (such as air-purifi-

cation, air-transportation and decontamination), to every air-conditioned space (airports, hotels, cruise ships, convention centers), to ships (decontamination, oil separation) to body shops (car, furniture, electrostatic paint, sandblasting).



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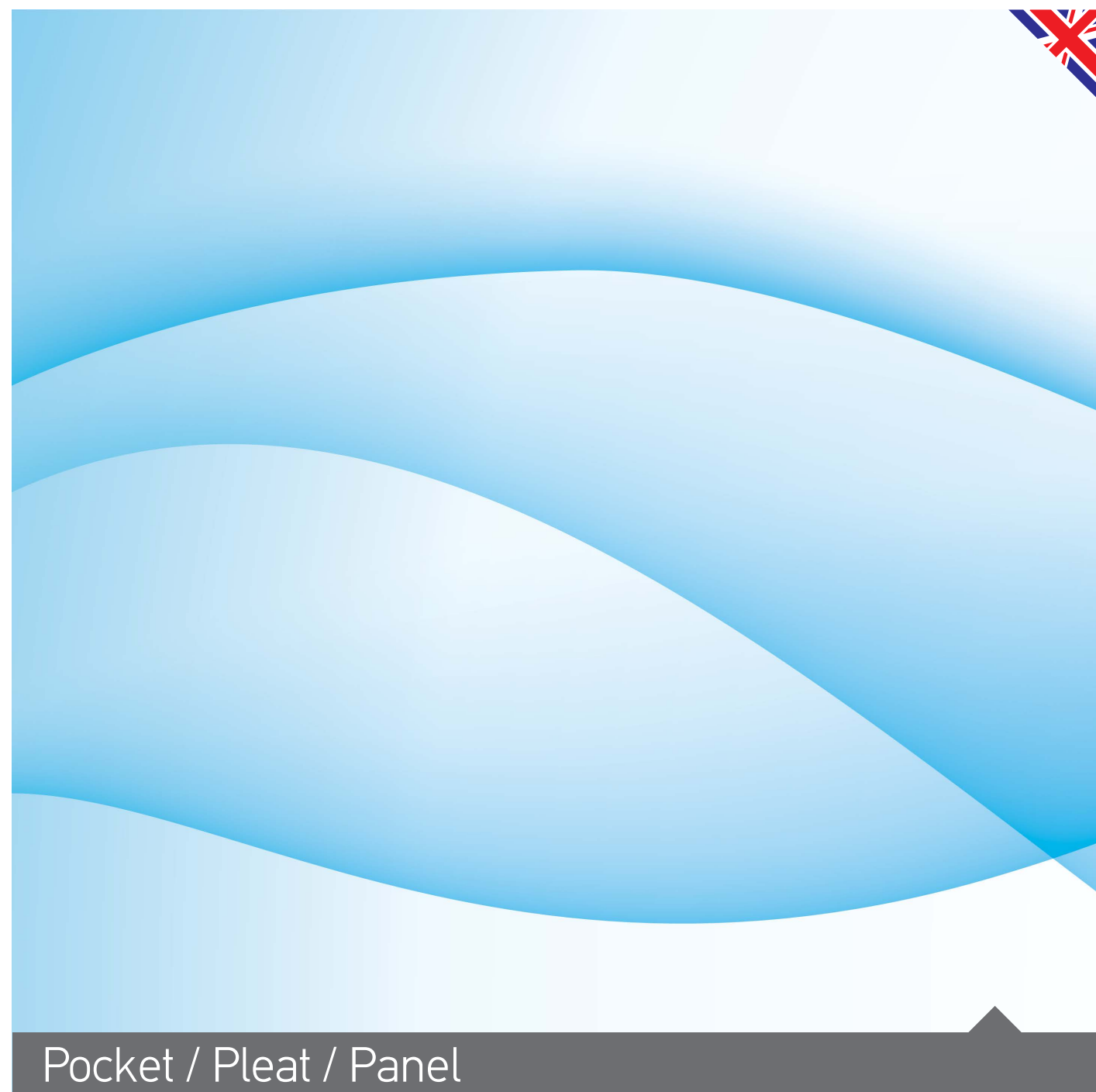
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CARBON AIR FILTER
we pioneer based on the programm
"CLEAN AIR FOR EUROPE"



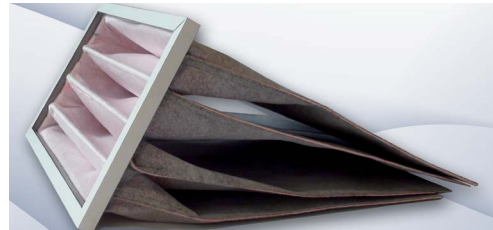
Pocket / Pleat / Panel

We pioneer

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"CLEAN AIR FOR EUROPE"

CARBON AIR FILTER

MULTIPLE PROTECTION FILTER OF ACTIVE CARBON



The constantly growing demands combined with the ever evolving EU standards are indeed both a challenge and an inspiration. We present filters and pre-filters containing carbon activated. This specific technology offers a wide spectrum of protection areal and environmental.

Offered Protection

- Protection from environmental smoke, cigarette smoke and soot
- Protection from inhaling vapor spray, cleaners and various particles.
- Protection from volatile organic compounds produced by industries and vehicles.
- Protection from allergenic funguses, dust and other particle
- Protection from environmental smug (CO2,N2)
- Protection from inhaling solvent vapor, varnished etc

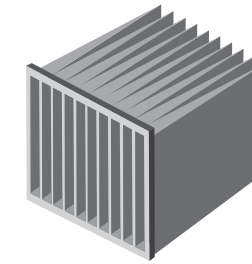
Product Superiority

- Multiple filter levels with gradually increasing density for advanced filtration.
- With **carbon activated** for deodorization and decontamination.
- Seamless **Ultrasonic** soldering to completely avoid fiber leakage.
- Certified materials produced in EU.
- Laser Cutting.
- Complete range of products production of any scale

Certifications



Pocket Filters

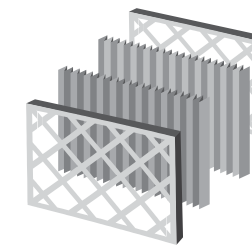


Characteristics: Carbon activated filters that highly absorb pollutant particles.

Applications: Particle and molecular filtration for office buildings, industrial facilities, airports, medical facilities, hospitals and malls.

Filtrex Code	Class EN779	Dimensions W x H x D	Bags No	Filter Area m ²	Carbon Kgr	Initial Pres. Drop	Final Pres. Drop	Air Flow m ³ /h	Average Efficiency 0,4µm%	Max °C
FPC53GMS350	F7	592x592x535	10	5,9	1,02	162 Pa	450 Pa	3400	80≤Em≤90	75
FPC53GMS290	F7	592x490x535	10	4,9	0,84	162 Pa	450 Pa	2850	80≤Em≤90	75
FPC53GMS170	F7	592x287x535	10	2,9	0,50	162 Pa	450 Pa	1700	80≤Em≤90	75
FPC53GMN290	F7	490x592x535	8	4,9	0,84	162 Pa	450 Pa	2850	80≤Em≤90	75
FPC53GMI170	F7	287x592x535	5	2,9	0,50	162 Pa	450 Pa	1700	80≤Em≤90	75
FPC53GMN240	F7	490x490x535	8	3,9	0,67	162 Pa	450 Pa	2250	80≤Em≤90	75

Pleat Filters

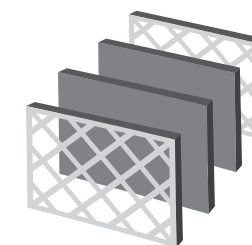


Characteristics: Carbon activated filters and pre-filters that highly absorb pollutant particles

Applications: Particle and molecular filtration for office buildings, industrial facilities, airports, medical facilities, hospitals and malls.

Filtrex Code	Class EN779	Dimensions W x H x D	Pleats No	Filter Area m ²	Carbon Kgr	Initial Pres. Drop	Final Pres. Drop	Air Flow m ³ /h	Average Arrestance Am%	Max °C
FZC96CHE350	G4	592x592x96	18	2,10	0,360	39 Pa	250 Pa	3000	≥90	75
FZC96CHC170	G4	287x592x96	18	1,05	0,180	39 Pa	250 Pa	1500	≥90	75
FZC48CHE350	G4	592x592x48	18	1,05	0,180	66 Pa	250 Pa	3000	≥90	75
FZC48CHC170	G4	287x592x48	18	0,55	0,100	66 Pa	250 Pa	1500	≥90	75
FZC24CHK350	G4	592x592x24	36	1,05	0,180	66 Pa	250 Pa	3000	≥90	75
FZC24CHK170	G4	287x592x24	36	0,55	0,100	66 Pa	250 Pa	1500	≥90	75

Panel Filters



Characteristics: Fiberglass pre-filters, synthetic or with carbon activated that absorb coarse powder and pollutants.

Applications: Coarse powder filtration and deodorization for office buildings, industrial facilities, machinery, car body shops, airports, medical facilities, hospitals and malls.

FILTER PANEL TYPE		FIBERGLASS		SYNTHETIC PE		SYNTHETIC + CARBON	
CLASS EN779:2012		G2 / G3	G3 / G4	G2	G3	G4	M5
ARRESTANCE		Am%	65-80	80-90	65-80	80-90	90+
FINAL PRESSURE DROP		Pa	80	80	250	250	250
592x592x24*	Air Flow/Area	m ³ /h / m ²	1890 / 0,35	1890 / 0,35	1890 / 0,35	1890 / 0,35	1890 / 0,35
	In. Pres. Drop	Pa	10 / 30	30 / 40	55	65	85
592x592x48*	Air Flow/Area	m ³ /h / m ²	1890 / 0,35	1890 / 0,35	On request	On request	On request
	In. Pres. Drop	Pa	15 / 40	40 / 55			
592x592x96*	Air Flow/Area	m ³ /h/m ²	1890 / 0,35	1890 / 0,17	On request	On request	On request
	In. Pres. Drop	Pa	25 / 50	55 / 80			

* The above are only samples