

Carboactiv Fill

Granulated carbon

Product Range



Features



Applications



KEY FACTS

- Pelletized molecular filtration media
- Various options designed to target specific contaminants
- Effective adsorption and chemical conversion of gaseous molecular air contaminants, solvents, chemicals and biological odors
- Ideal for use in refillable deep-bed gas adsorption and chemisorption installations

DESIGN

Gas-phase filtration media formed into pellets.

APPLICATIONS

Suitable for use in HVAC systems and industrial process exhaust treatment units (deep bed scrubbers) to solve a wide range of issues relating to molecular contamination. Each standard product has been specifically designed to address issues (e.g. toxic fumes, air pollution, odors, corrosion) caused by individual contaminants.

SPECIFICATION

Heat resistance	< 50 °C (Peak 60 °C)	Moisture resistance	< 60 % (Max. < 90 %)
Regenerable	No	Incinerable	Yes*

* Please ensure accordance with relevant disposal directives

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PERFORMANCE DATA

Type	Packaging	ISO EN 10121:2014 Max. Sorptive Capacity (g Gas/kg Media)			Max. Sorptive Capacity (g Gas/kg Media)				Recommended Contaminants
		SO ₂	NH ₃	Toluene	H ₂ S	VOC/ Condens.	Dopants (B, P, As)	Chlorine (Cl ₂)	
Carb	25 kg sack	<20	<5	<250	<20	<250	<20	<20	Light to medium pollution of large molecular VOC, solvents, fragrances, kitchen exhaust, lab fumes, building recirculation air, etc
	12" cassette refill	<20	<5	<250	<20	<250	<20	<20	
	1 m ³ big bag	<20	<5	<250	<20	<250	<20	<20	
Alkali / KI-KOH	25 kg sack	<250	<5	<150	<250	<150	<100	<150	Light to medium levels of VOC, solvents, organic and inorganic acids, SO ₂ , NO ₂ , low-level H ₂ S, fragrances, kitchen and lab fumes, etc
	12" cassette refill	<250	<5	<150	<250	<150	<100	<150	
	1 m ³ big bag	<250	<5	<150	<250	<150	<100	<150	
Acidic	25 kg sack	<20	<150	<200	<20	<200	<20	N/A	Light to medium levels of ammonia, organic alkylamines, cyclic and aromatic amines, etc
	12" cassette refill	<20	<150	<200	<20	<200	<20	N/A	
	1 m ³ big bag	<20	<150	<200	<20	<200	<20	N/A	
Pro acidic	25 kg sack	<20	<250	<150	<20	<150	<20	N/A	Medium levels of ammonia, organic alkylamines, cyclic and aromatic amines, etc
	12" cassette refill	<20	<250	<150	<20	<150	<20	N/A	
	1 m ³ big bag	<20	<250	<150	<20	<150	<20	N/A	
Carboxy blend	25 kg sack	<50	<5	<150	<150	<150	<100	<60	Light to medium levels of VOC, solvents, formaldehyde, organic and inorganic acids, SO ₂ , NO ₂ , kitchen and lab fumes, etc
	12" cassette refill	<50	<5	<150	<150	<150	<100	<60	
	1 m ³ big bag	<50	<5	<150	<150	<150	<100	<60	
Oxy 10%	25 kg sack	<150	<5	<10	<300	<10	<200	<20	Medium levels of formaldehyde, alcohols, ketones, organic acids, SO ₂ , mid-level H ₂ S, mercaptans and other sulfuric compounds
	12" cassette refill	<150	<5	<10	<300	<10	<200	<20	
	1 m ³ big bag	<150	<5	<10	<300	<10	<200	<20	
Oxy 8%	25 kg sack	<100	<5	<10	<250	<10	<160	<20	Light to medium levels of formaldehyde, alcohols, ketones, organic acids, SO ₂ , mid-level H ₂ S, mercaptans and other sulfuric compounds
	12" cassette refill	<100	<5	<10	<250	<10	<160	<20	
	1 m ³ big bag	<100	<5	<10	<250	<10	<160	<20	
Sulf chlorine scrub	25 kg sack	<100	<5	<10	<250	<10	<160	<200	Light to medium levels of organic and inorganic acids, chlorine, SO ₂ , NO ₂ , low-level H ₂ S, lab fumes, building recirculation air and similar
	12" cassette refill	<100	<5	<10	<250	<10	<160	<200	
	1 m ³ big bag	<100	<5	<10	<250	<10	<160	<200	