



Activated Carbon Media

Activated carbon has been proven to remove and prevent odors and fumes from building up in recirculated air. Synthetic media (100% polyester) is impregnated with finely ground, highly porous coconut shell based activated carbon, and heat set to retain those coatings even when the media is rinsed or vacuumed.

Just as a sponge soaks up water, the activated carbon media in air filters adsorbs odors and fumes. Noxious odors are pulled and held by molecular action into millions of tiny pores in the media coating. The odor causing molecules are actually removed from the air permanently, not masked by another odor. The rate of adsorption in an activated carbon air filter depends on the relationship between the pore structure, or surface area, and the shape of the contaminating molecules. Permatron's activated carbon is ground to an extremely fine particle size to increase the surface area available for adsorption. Air velocity, humidity, odor level and temperature influence the odor elimination process and the life expectancy of the activated carbon in an air filter. At times of high odor generation, air should recirculate through the filter media to achieve maximum effectiveness.

- UL Classified As to Flammability Only



MODEL #ACF-3.2-150-48"
MODEL #PAD-ACF3.2
MODEL #ACF-6.0-150-48"
MODEL #PAD-ACF6.0

MEDIA	ACF 3.2-150	ACF 6.0-150
MEDIA THICKNESS	.187"	.45"
COATED THICKNESS	3/16" NOMINAL +/- 0.03 INCHES	1/2" NOMINAL +/- 0.07 INCHES
MEDIA WEIGHT	3.2 OZ POLYESTER/SQ YD	6.0 OZ POLYESTER/SQ YD
COATING WEIGHT	4.8 +/- 0.72 OZ CARBON/SQ YD	9.0 +/- 1.35 OZ CARBON/SQ YD
TOTAL PRODUCT WEIGHT	8.0 +/- 1.2 OZ/SQ YD	15.0 +/- 2.25 OZ/SQ YD
COLOR	BLACK	BLACK
ROLL SIZE	48" X 100 LY	48" X 50 LY
AIR PERMEABILITY (CFM)	650 +/- 100 CFM @ 0.5 IN WG	650 +/- 100 CFM @ 0.5 IN WG

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