



Activated Carbon Filter

With high-quality powdered activated carbon as the adsorption material, it is made by the means of attaching activated carbon to the matrix of the fiber. Good absorption and dust collection effect, easy to be formed (cutting and folding arbitrarily), high intensity and low air resistance, it is mainly used in industrial waste gas treatment, fume purification, water purification and gas adsorption as well as a variety of air-conditioning, air filter package in household and automobiles. It can be used alone to remove dust, mist, odor, and volatile organic pollutants such as benzene, formaldehyde etc. It can also be compounded with superfine melt-blown fiber, coarse filter cotton to reach a better dust filtering and deodorant effect.

(Tested filter media with 4mm in thickness)

carbon content: $\geq 40\%$ benzene adsorption: $\geq 15\%$

carbon tetrachloride absorption: $\geq 35\%$

Type	Carbon Content	Benzene Adsorption	Gas Removal Rate	Dust Trapping Rate	Thickness	Usual Sizes
SHW-TM	$\geq 55\%$	$\geq 2500\text{mg/g}$	$\geq 85\%$	$\geq 85\%$	3-15 mm	1.0*20 M
						1.2*20 M

Note: Other specifications are available on request