

# Activated Carbon Adsorption Index Chart

## Legend

E	Excellent High capacity. Each pound of activated carbon will adsorb an average of 33 - 1/3% of its weight in these compounds.
G	Good. Satisfactory capacity. Each pound of activated carbon will adsorb an average of 16.7% (1/6) of its weight in this compound.
CF	Call Factory for details

Compound	Adsorptive Ability
Acetaldehyde	CF
Acetic Acid	E
Acetic anhydride	E
Acetone (PDF)	G
Acetylene	CF
Acrolem	G
Acrylic Acid	E
Acrylonitrile	E
Alcoholic Beverages	E
Amines	CF
Ammonia	CF
Ameyl acetate	E
Amyl alcohol	E
Amyl ether	E
Aniline	E
Asphalt fumes	E
Automobile Exhaust	G
Benzene	E
Body odors	E
Borane	G
Bromine	E
Burned Flesh	E
Burned Food	E
Butadiene	G
Butane	CF
Butanone	E
Butyl acetate	E
Butyl alcohol	E
Butyl cellosolve	E
Butyl chloride	E

Compound	Adsorptive Ability
Butyl ether	E
Butylene	CF
Butyne	CF
Butyraldehyde	G
Butyric acid	E
Camphor	E
Caprylic acid	E
Carbolic acid	E
Carbon disulfide	E
Carbon dioxide	CF
Carbon monoxide	CF
Carbon tetrachloride	E
Cellosolve	E
Cellosolve acetate	E
Cheese	E
Chlorine	G
Chlorobenzene	E
Chlorobutadiene	E
Chloroform	E
Chloronitropropane	E
Chloropicrin	E
Citrus and other fruits	E
Cleaning compounds	E
Coal smoke	G
Creosote	E
Cresol	E
Crotonaldehyde	E
Cyclohexane	E
Cyclohexanol	E
Cyclohexene	E

# Activated Carbon Adsorption Index Chart

Legend	
E	Excellent High capacity. Each pound of activated carbon will adsorb an average of 33 - 1/3% of its weight in these compounds.
G	Good. Satisfactory capacity. Each pound of activated carbon will adsorb an average of 16.7% (1/6) of its weight in this compound.
CF	Call Factory for details

Compound	Adsorptive Ability
Decane	E
Dibromoethane	E
Dichlorobenzene	E
Dichlorodifluoromethane	G
Dichloroethane	E
Dichloroethylene	E
Dichloroethyl	E
Dichloromonofluoromethane	G
Dichloronitroethane	E
Dichloropropane	E
Dichlorotetrafluoroethane	E
Dichloropropane	E
Dichlorotetrafluoroethane	E
Diesel fumes	E
Diethylamine	G
Diethyl ketone	E
Dimethylaniline	E
Dimethylsulfate	E
Dioxane	E
Diproyl ketone	E
Ethane	CF
Ether (PDF)	G
Ethyl acetate	E
Ethyl acrylate	E
Ethyl alcohol	E
Ethyl amine	G
Ethyl benzene	E
Ethyl bromide	E
Ethyl chloride	G
Ethyl ether (PDF)	G

Compound	Adsorptive Ability
Fish Odors	E
Floral Scents	E
Fluorotrichloromethane	G
Formaldehyde	G
Formic Acid	G
Gangrene	E
Garlic	E
Gasoline	E
Heptane	E
Heptylene	E
Hexane	G
Hexylene	G
Hexyne	G
Hydrogen	CF
Hydrogen bromide	G
Hydrogen chloride	CF
Hydrogen cyanide	G
Hydrogen fluoride	CF
Hydrogen iodide	G
Hydrogen selenide	CF
Hydrogen sulfide	G
Incense	E
Indole	E
Iodine	E
Iodoform	E
Irritants	E
Isophorone	E
Isoprene	G
Isopropyl acetate	E
Isopropyl alcohol	E

# Activated Carbon Adsorption Index Chart

Legend	
E	Excellent High capacity. Each pound of activated carbon will adsorb an average of 33 - 1/3% of its weight in these compounds.
G	Good. Satisfactory capacity. Each pound of activated carbon will adsorb an average of 16.7% (1/6) of its weight in this compound.
CF	Call Factory for details

Compound	Adsorptive Ability
Isopropyl ether	E
Kerosene	E
Kitchen odors	E
Lactic acid	E
Menthol	E
Mercaptans	E
Methane	CF
Methyl acetate	G
Menthyl acrylate	E
Methyl alcohol	G
Methyl bromide	G
Methyl butyl ketone	E
Methyl cellosolve	E
Methyl cellosolve acetate	E
Methyl chloride	G
Methyl chloroform	E
Methyl ether	G
Methyl ethyl ketone	E
Methyl formate	G
Methyl isobutyl ketone	E
Methyl mercaptan	E
Methylcyclohexane	E
Methylcyclohexanol	E
Methylcyclohexaone	E
Methylene chloride	E
Monochlorobenzene	CF
Monofluorotri chloromethane	E
Naphtha	E
Naphthziene	E
Nitric acid	G

Compound	Adsorptive Ability
Nitro benzenes	E
Nitroethane	E
Nitrogen dioxide	CF
Nitroglycerine	E
Nitromethane	E
Nitropropane	E
Nitrotoluene	E
Nonane	E
Octalene	E
Octane	E
Onions	E
Organic Chemicals	E
Ozone	E
Packing house odors	E
Paint & redecorating odors	E
Palmitic Acid	E
Paradichlorbenzine	E
Pantane	G
Pentanone	E
Pentylene	G
Pentyne	G
Perchloroethylene	E
Perfumes, cosmetics	E
Phenol	E
Phosgene	G
Pitch	E
Poison gases	G
Pollen	G
Popcorn and candy	E
Poultry odors	E



# Activated Carbon Adsorption Index Chart

Legend	
E	Excellent High capacity. Each pound of activated carbon will adsorb an average of 33 - 1/3% of its weight in these compounds.
G	Good. Satisfactory capacity. Each pound of activated carbon will adsorb an average of 16.7% (1/6) of its weight in this compound.
CF	Call Factory for details

Compound	Adsorptive Ability
Poultry odors	E
Propane	CF
Propionaldehyde	G
Propionic acid	E
Propyl acetate	E
Propyl alcohol	E
Propyl chloride	E
Propyl ether	E
Propyl mercaptan	E
Propylene	CF
Propyne	CF
Putrefying substances	G
Putrescine	E
Pyridine	E
Resins	E
Rubber	E
Sauerkraut	E
Sewer odors	E
Skalote	E
Slaughtering odors	G
Smog	E
Sour milks	E
Stoddard solvent	E

Compound	Adsorptive Ability
Styrene monomer	E
Sulfur dioxide	CF
Sulfur trioxide	G
Sulfuric acid	E
Tetrachloroethane	E
Tetrachloroethylene	E
Tobacco smoke odor	E
Toilet odors	E
Toluene (PDF)	E
Toluidine	E
Trichlorethylene	E
Trichloroethane	E
Turpentine	E
Urea	CF
Uric acid	E
Valeric acid	E
Valericaldehyde	E
Varnish fumes	E
Xylene (PDF)	E

The information in this chart is accurate and up to date at publication. Information is subject to change and provided as a service to the community. For more information please contact the factory directly.

*Derek Muse, Assistant Sales Manager, Sentry Air Systems*