

## Dynamic Activated Charcoal Cloth

Dynamic Activated Charcoal Cloth (DACC™) is used for filtering out chemicals that can cause irritation to the respiratory system. The following chemical agents have been tested using DACC. Each toxin is followed by a letter indicating the filtration level.

### KEY TO FILTRATION PROPERTIES

E = EXCELLENT

G = GOOD

M = MODERATE

### ACIDS

Acetic -G

Acetic Anhydride -E

Acrylic -E

Butyric -E

Carbolic -E

Formic -G

Lactic -E

Palmitic -E

Phenol -E

Propionic -E

### ALCOHOLS

Anyl -E

Butyl -E

Cyclohexanol -E

Ethyl -G

Isopropyl -E

Methanol (Methyl) -M

Propyl -E

### ALDEHYDES & KETONES

Acetone -G

Acetaldehyde -G

Acrolein -G

Acrylaldehyde -G

Benzaldehyde -E

Crontonaldehyde

Cyclohexanone -E

Diethyl Ketone -E

Dipropyl Ketone -E

Formaldehyde -M

Methyl Butylketone -E

Methyl Ethylketone -G

Valeric Aldehyde -E

### ALIPHATIC HYDROCARBONS

Acetylene -G

Butane -E

Butylene -E

Butadiene -G

Cyclohexane -E

Decane -M

Ethane -G

Ethylene -M

Heptane -E

Heptylene -G

Hexane -E

Hexylene -G

Methane -M

Nonane -G

Octane -G

Octylene -E

Pentane -G

Propane -M

Propylene -G

### AROMATIC HYDROCARBONS

Benzene -E

Napthalene -E

Styrene Monomer -E

Toluene -E

Toluidine -E

**ESTERS**

Butyl Acetate -E  
Cellosolve Acetate -E  
Ethyl Acrylate -E  
Ethyl Formate -G  
Isopropyl Acetate -E  
Methyl Acetate -G  
Methyl Acrylate -E  
Methyl Formate -G  
Propyl Acetate -E

**ETHERS**

Amyl -E  
Butyl -E  
Cellosolve -E  
Dioxan -E  
Ethyl -G  
Ethylene Oxide -M  
Isopropyl -E  
Methyl Cellosolve -E  
Methyl -G  
Propyl -E

**HALOGENATED HYDROCARBONS**

Bromine -G  
Butyl Chloride -E  
Carbon Tetrachloride -G  
Chlorine -M  
Chlorobenzene -E  
Chlorobutadiene -E  
Chloroform -E  
Chloro nitropropane -E  
Chloropicrin -E  
Dibromoethane -E  
Dichlorobenzene -E  
Dichlorodifluoro Methane -M  
Dichlorodifluoro Ethane -G  
Dichlorethane -E  
Dichloroethylene -E  
Dichloroethyl ether -E  
Dichloromethane -M  
Dichloromonofluoro Methane -M  
Dichloropropane -G  
Dichlorotetrafluoro ethane -M  
Ethyl bromide -G  
Ethyl Chloride -G  
*(continued in next column)*

**(HALOGENATED HYDROCARBONS,  
CONTINUED FROM PREVIOUS COLUMN)**

Ethylene chlorohydrin -G  
Ethylene dichloride -G  
Fluorotrichloromethane -M  
Freon -M  
Hydrogen bromide -M  
Hydrogen chloride -M  
Hydrogen Cyanide -M  
Hydroxen Fluoride -M  
Hydrogen iodide -M  
Iodine -E  
Methyl bromide -E  
Methyl chloride -E  
Methyl chloroform -E  
Methylene chloride -E  
Monochlorobenzene -E  
Paradichlorobenzene -E  
Perchloroethylene -G  
Propyl chloride -G  
Tetrachloro ethane -G  
Tetrachloro ethylene -G  
Trichloro ethylene -G  
Vinyl chloride -G

**NITROGEN COMPOUNDS**

Ammonia -M  
Aniline -E  
Diethyl Amine -G  
Diethyl Aniline -G  
Dimethyl Amine -E  
Ethyl Amine -G  
Nicotine -E  
Nitric acid -G  
Nitrobenzene -E  
Nitroethane -E  
Nitrogen Dioxide -E  
Nitroglycerine -E  
Nitromethane -G  
Nitropropane -E  
Nitrotoluene -E  
Urea -E  
Uric Acid -E

## **SULPHUR COMPOUNDS**

Carbon disulphide -G

Dimethyl Sulphate -G

Ethyl mercaptan -E

Hydrogen sulphide -M

Methyl mercaptan -E

Propyl mercaptan -E

Sulphur Dioxide (Respro filter) -E

Sulphur trioxide -M

Sulphuric Acid -M