

## Filter Selection Guide

1/7

Substance	Synonym	Filter Type
Acetylsalicylic acid	Asprin	P R SL
Adipic Acid	Hexanedioic acid; 1,6 Hexanedioic acid; 1,4 butanedicarboxylic acid; Adipinic acid	P R SL
Aluminium (as Al) - Metal dust inhalable - Metal dust respirable		P R SL
Aluminium (as Al) - Soluble salts		P R SL
Aluminium oxides - infalabl - respirable	a-Alumina	P R SL
p-Aminobenzoic acid	Aminobenzoic acid; 4-Aminobenzoic acid; PABA	P R SL
Ammonium sulphamidate		P R SL
Antimony and compounds except stibine (as Sb)		P R SL
p-aramid respirable fibres		P R SL
Arsenic and arsenic compounds except arsine (as As)		P R SL
Asbestos (Serpentine)	Chrysotile; Asbestos (Amphibole); Armosite; Crocidolite; Tremolite; Anthophyllite	P R SL
Azodicarbonamide		P R SL
Barium (solid compounds as Ba)		P R SL
Barium sulphate - total inhalable Dust - Respirable Dust		P R SL
Benzoic acid	Phenylfomic acid	P R SL
Beryllium and compounds (as Be)		P R SL
Di-sec-octyl phthalate	bis-(2-Ethylhexyl) phthalate; DOP; Di-2-ethylhexyl phthalate; DEHP	P R SL
Bismuth telluride	Bismuth sesquitelluride; Dibsmuth tritelluride	P R SL
Bisphenol A inhalable dust	4,4- Isopropylidenediphenol; 4,4-(propane-2,2-diyl) diphencl; Bisphenol A4	P R SL
Bismuth telluride (SE-doped)		P R SL
Borates,tetra sodium salts - anhydrous	Disodium tetraborate - anhydrous	P R SL
Borates,tetra sodium salts - Pentahydrate	Disodium tetraborate - Pentahdrate	P R SL
Borates, tetra sodium salts - Decahydrate	Disodium tetraborate - Decahydrate	P R SL
Boron oxide	Anhydrous boric acid; Boric anhydride; Boric oxide; Diboron trioxide	P R SL
4-tert-Butylcatechol	P-tert-Butylcatechol; 4-(1,1-Dimethyethyl)-1,2-benzenediol; 4-tert-Butyl pyrocatechol; tert-Butyl pyrocatechol; 4-tertButyl 1-1,2-dihydroxybenzene	P R SL
tert-Butyl chromate (as CrO3)	Chromic acid; di-tert-Butyl ester	P R SL
n-Butyl glycidy ether	BGE; 1,2-Epoxy-3-butoxy-propane	P R SL

## Filter Selection Guide

2/7

Substance	Synonym	Filter Type
Cadmium& cadmium compounds except cadmium oxide fume, cadmium sulphide & cadmium sulphide pigments (as Cd)		P R SL
Cadmium oxide fume		P R SL
Cadmium sulphide and cadmium sulphide pigments-respirable dust (as Cd)		P R SL
Calcium arsenate (as As)	Tricalcium arsenate; Tricalcium o-arsenate; Cucumber dust	P R SL
Calcium Carbonate-Inhalable dust- respirable dust	Marble; Limestone	P R SL
Calcium chromate	Calcium chrome yellow	P R SL
Calcium cyanamide	lime nitrogen; Calcium carbimide	P R SL
Calcium fluoride (as F)	Fluorite; Fluospar	P R SL
Calcium hydroxide	Calcium hydrate; hydrated lime; Caustic lime	P R SL
Calcium oxide	Quicklime; Pebble lime	P R SL
Calcium silicate- inhalable dust- respirable dust		P R SL
Calcium sulphate		P R SL
Carbon black	Channel black; lamp black; Furnace black; Thermal black; Acetylene black	P R SL
Cesium fluoride (as F)		P R SL
Cesium hydroxide	Cesium hydrate; Caesium hydroxide	P R SL
Chlorinated diphenyl oxide	Hexachlorodiphenyl oxide	P R SL
Chromates of lead (as Cr)		P R SL
Chromates of zinc (as Cr)		P R SL
chromium	Chromium (II) compounds (as Cr); Chromium (III) compounds (as Cr)	P R SL
Chromium (VI) compounds (as Cr)		P R SL
Citric acid	2-Hydroxy-1,2,3-Propanetricarboxylic acid, monohydrate	P R SL
Coal dust- Bituminous or lignite (Respirable dust)		P R SL
Cobalt and Cobalt compounds (as Co)		P R SL
Copper, dust and mist (as Cu)-fume (as Cu)	copper, fume (as Cu)	P R SL
Cresote		P R SL
Crotonaldehyde	B-Methylacrolein; Propylene aldehyde; Crotonic aldehyde	P R SL
Cryofluorane	Freon - 114; Refrigerant 114; Halon - 242; FC-114; Dichlorotetra-Fluoroethane	P R SL
Crotonite (as F)	Greenland spar; Iceton	P R SL

## Filter Selection Guide

3/7

Substance	Synonym	Filter Type
Cyanamide	Cyanogenamide; Carbodiimide	P R SL
Diatomaceous earth (uncalcined) (Respirable Dust)	Diatomite	P R SL
Dibutyl phenyl phosphate	DBPP	P R SL
Diethyl phthalate	Ethylphthalate; DEP	P R SL
Dimethyl adipate	Dimethyl ester	P R SL
3,5-Dinitro-o-toluamide	Dinitrolmide	P R SL
Dphenylamine	DPA; N-phenylaniline	P R SL
2,6-Di-tert-butyl-p-cresol	Butylated hydroxytoluene; BHT; 2,6-Ditertiary- butyl-para-cresol	P R SL
6,6'-Di-tert-butyl-4,4'-thiodi-m-cresol	4,4'-Thiobis (6-tert-butyl-m-cresol); 4,4'-Thiobis (3-methyl-6-tert-butyl phenol)	P R SL
Emery- Total inhalable dust - Respirable dust	Corundum	P R SL
Erythromycin	Dotycin; Erycin; Erycynum; E-Mycin, Pentadecanoic acid	P R SL
EDTA	Ethylenediaminetetraacetic acid; N,N'-1,2-Ethanediybis(N-carboxymethyl)- Glycine	P R SL
Ferrocene	Dicyclopentadienyl iron; bis-Cyclopentadienyl iron	P R SL
Ferrous foundry particulate-inhalable dust-respirable dust		P R SL
Ferrovandium, dust		P R SL
Fluorides (as F)		P R SL
flour dust		P R SL
Glycerol, mist	Glycerin	P R SL
Grain dust (oats,wheat,barley)		P R SL
Graphite (natural)-inhalable - respirable	Plumbago; Corbo minerals; Black lead; Silver lead	P R SL
Gypsum - Total inhalable dust-respirable dust		P R SL
Hafnium and compounds, dust and mists (as Hf)		P R SL
Hardwood dust		P R SL
Hexachlorobenzene	Perchlorobenzene	P R SL
Hydrogenated terphenyls	Hydrogenated terphenyls	P R SL
Indium and compounds (as In)		P R SL
Iron oxide fume	Ferric oxide fume	P R SL
Iron salts, soluble (as Fe)	Iron salts, soluble (as Fe)	P R SL
Ferric/Ferrous salts, soluble	Ferrous sulfate and chloride; nitrate & sulphate	P R SL
Isocyanuric acid-Total-Respirable	s-triazinetriol; Cyanuric acid; s-Triazine-2,4,6(1H,3H,5H)-trione	P R SL

## Filter Selection Guide

4/7

Substance	Synonym	Filter Type
Isophthalic acid-resirable	1,3-Dicarboxylic acid; IA; IPA (Isophthalic acid); m-phthalic acid	P R SL
Kaolin (Resirable dust)	China clay; Aluminium silicate	P R SL
Laboratory animal allergens		P R SL
Lead, metal and inorganic dust and fumes (as Pb)		P R SL
Lead arsenate (as As)		P R SL
Lead chromate (as Cr)	Chrome orange; Red lead chromate	P R SL
Limestone-Total inhalable dust-Respirable dust	Calcium Crabonate; Marble	P R SL
Lithium fluoride (as F)		P R SL
Lithium hydride		P R SL
Lithium hydroxide		P R SL
Lithium hydroxide monohydrate		P R SL
Lithium oxide	Dilithium oxide; Lithium monoxide	P R SL
Magnesite - Total inhalable dust	Magnesium carbonate-total inhalable dust	P R SL
Magneite-Respirable dust	magnesium carbonate- Respirable dust	P R SL
Magnesium oxide --Total inhalable dust- total respirable dust	Magnesia fume	P R SL
Man-made mineral fibres	MMMF	P R SL
manganese, dust and compounds (as Mn)	Manganese, metal fume	P R SL
Manganese oxide fume (as Mn)	Manganese oxide; trimanganese tetroxide	P R SL
Mercury, Vapour	Quicksilver, Hg	P R SL
4,4'-Methylene dianiline	4,4'-Diaminodiphenylmethane; MDA	P R SL
N-Methyl-N-2,4,6-tetranitroaniline	2,4,6-Trinitrophenyl-methylnitramine; Tetryl; Nitramine; Tetralite	P R SL
Mica (less than 1% quartz)-total inhalable dust - Respirable dust		P R SL
Molybdenum, soluble compounds (as Mo)		P R SL
Molybdenum, insoluble compounds (as Mo)		P R SL
Molybdenum, metal fume (as Mo)		P R SL
Nickel, metal dust (as Ni)		P R SL
Nickel, metal fume (as Ni)		P R SL
Nickel, soluble compounds (as Ni)		P R SL
Nuisance particulates-total inhalable dust - Respirable dust		P R SL

## Filter Selection Guide

5/7

Substance	Synonym	Filter Type
Nylon - Inhalable- Resoirable	Nylon 6, Perlon, polycarprolactam; Poly[imino (1-oxo-1,6-hexanediyl)]	P R SL
Oil mist (mineral)	white mineral oil; Cutting oil; Heattreating oil; Cable oil; lubricating oil	P R SL
Orthophosphoric acid	Phosphoric acid; White phosphoric acid; o-phosphoric acid; m-phosphoric acid	P R SL
Paracetamol-Total inhalable dust		P R SL
Paraffin wAX fume		P R SL
Penyaerythritol - total inhalable dust - Respirable dust	Tetramthylolmethane; 2,2-bis(Hydroxymethyl) - 1,3-propanediol - respirable dust	P R SL
Diphosphorus pentasulphide	Phosphorus pentasulphide; phosphoeic sulphide	P R SL
m-Phthalodinitrile	1,3-Benzenedicarbonitrile; m-PDN; m-Dicyanobenzene; Isophthalodinitrile; 1,3- Dicyanobenzene	P R SL
o-Phthalodinitrile	1,2-benzenedicarbonitrile; 1,2-dicyanobenzene; o-Benzodinitrile; Phtalic acid dinitrile	P R SL
Picric acid	2,4,6-Trinitrophenol; Lyddite; Pertite; Shimose; Melinite	P R SL
Piperazine dihydrochloride	Dihydrochloride salt of diethylene-diamine	P R SL
PiperAXine and salts	1,4-Piperazine; 1,4- Diazacyclohexane; Diethylenediamine; Hexahydropyrazine; Piperazidine	P R SL
Olaster of paris-Metal inhalable dust - Respirable dust		P R SL
Platinum - metal, dust and mist - Metal fume		P R SL
Platinum compounds, soluble (except certain halogeno Pt compounds)(as Pt) as particulate		P R SL
Polyethylene glycols	PEG; Polyoxyethylene; PEG (polyethylene glycols)	P R SL
Polypropylene glycols	PPG	P R SL
Ployvinyl chloride - inhalable dust- Respirable dust		P R SL
Portland Cement - Total inhalable dust - Respirable dust		P R SL
Potassium Bicarbonate	Potassium acid carbonate; Carbonic acid; Monopotassium salt; Potassium hydrogen carbonate	P R SL
Potassium bromate	Bromic acid potassium salt	P R SL
Potassium hydroxide	Caustic potash; Lye (Potassium hydroxide); Potassium hydrate	P R SL
Propylene glycol - particulates	Propylene glycol; 1,2-Propanediol; 1,2-Dihydroxypropane; methyl glycol; Propane - 1,2-diol	P R SL
Pulverised fuel ash-inhalable dust - Respirable dust		P R SL
Refractory cermatic fibres and special purpose fibres		P R SL
Reesorcinol	m-Dihydroxybenzene; 1,3-benzenediol;	P R SL

## Filter Selection Guide

6/7

Substance	Synonym	Filter Type
Rhodium, metal fumes and dust		P R SL
Rhodium, - insoluble compounds, dust and mist (as Rh) - soluble salts (as Rh)		P R SL
Rosin based solder flux fume	Colophony	P R SL
Rouge - Total inhalable dust - Respirable dust	Red iron oxide; Blended red oxides	P R SL
Rubber fume		P R SL
Rubber process dust		P R SL
Selenium and compounds (except Hydrogen Selenide)- Dust, mists and fumes (as Se)		P R SL
Silica, amorphous - total inhalable dust - Respirable dust		P R SL
Silica, fused - Respirable dust		P R SL
Silica, crystalline - Respirable dust	Quartz; Cristobalite	P R SL
Silica, crystalline - Respirable dust	Tripoli	P R SL
Silicon - Total inhalable dust - Respirable dust		P R SL
Silicon carbide (not Whiskers) - Total inhalable dust - Respirable dust	Carbon Silicide; Carborundum	P R SL
Silver (metal)		P R SL
Silver, compounds (as Ag)		P R SL
Soapstone - Total inhalable dust - Respirable dust	Massive talc; Steatite; soapstone silicate	P R SL
Sodium carbonate - Total inhalable dust - Respirable dust		P R SL
Sodium fluoroacetate	1080; Sodium monofluoroacetate; SFA	P R SL
Sodium hydroxide	Caustic soda; Soda lye; Lye (Sodium hydroxide)	P R SL
Sodium silicate - Total inhalable dust - Respirable dust		P R SL
Softwood dust		P R SL
Starch - Total inhalable dust - Respirable dust	Corn starch	P R SL
Stearates - inhalable dust - Respirable dust	Aluminum stearate, calcium stearate; Glycerol stearate, lithium stearate, Potassium stearate	P R SL
Strontium chromate (as Cr)	Strontium yellow; C.I.pigment yellow 32	P R SL
Strychnine		P R SL
Sucrose	Table sugar; Saccharose	P R SL
Talc - respirable dust	Hydrous magnesium silicate; steatite talc; Non- fibrous talc	P R SL
Tantalum	Tantalum, metal and oxide dusts; Tantalum, metal fume	P R SL

## Filter Selection Guide

7/7

Substance	Synonym	Filter Type
Tellurium compounds, dusts and mists (except hydrogen telluride), (as Te)		P R SL
Terphenyls (all isomers)	o-Terphenyl; m- Terphenyl; p-Terphenyl; Mixed terphenyls; Diphenyl benzene	P R SL
Terephthalic acid	p-Phthalic acid; TPA; Tephthol; Benzene-p-dicarboxylic acid; 1,4- benzenedicarboxylic acid	P R SL
Tetrasodium pyrophosphate	Sodium pyrophosphate	P R SL
Thallium, soluble compounds	Thalliumhydroxide; Thallium carbonate	P R SL
Tin, Metal fume		P R SL
Tin, organic compounds (except SnH4) and metal oxides (as Sn)		P R SL
Titanium dioxide - Total inhalable dust - Respirable dust	Rutile; Anatase; Brookite	P R SL
Triglycidyl isocyanurate	TGIC	P R SL
Tri-o-tolyl phosphate	Triorthocresyl phosphate; TCP; o-Tritolyl phosphate; TOCP; tricresylphosphate	P R SL
Triphenyl amine		P R SL
Triphenyl phosphate	Phenyl phosphate; TPP	P R SL
Trisodium phosphate	TSP; sodium o- phosphate	P R SL
Tungsten and compounds - (as W) - soluble - insoluble		P R SL
Uranium (natural), insolible compounds (as U)		P R SL
Urea	Caramide; Carbonyldiamide; isourea; Carbonyldiamine	P R SL
Vanadium pentoxide	Divanadium pentoxide; Vanadic anhydride; Vanadium oxide	P R SL
WM&P Naphtha	Varnish makers' & Painters' Naphtha; Ligrion	P R SL
Welding fumes (not otherwise classified)		P R SL
Wood dust (all varieties except Western Red Cedar)		P R SL
Wood dust (Western red Cedar)		P R SL
Xylidine	Aminodiyethyl benzene; Dimethylaminobenzene	P R SL
Yttrium		P R SL
Zinc chloride, fume		P R SL
Zinc chromate	basic Zinc chromate; Zinc potassium chromate; Zinc yellow	P R SL
Zinc oxide - respirable dust	Zinc white - respirable dust	P R SL
Zinc stearate, - inhalable - respirable	Synpro stearate; Zinc distearate	P R SL
Zirconium compounds (as Zr)		P R SL