

KLINION PROTECTION

Glove Chemical Guide

Breakthrough Protection

The following guide was developed from information gathered from several sources. Many factors affect the breakthrough time of glove materials, such as chemical concentration and length of time the glove is exposed to it. The information's are based on published data and not on individually tests.

Excellent, breakthrough time generally above 3 hours

Good, breakthrough time generally above 1 hours

Fair, breakthrough time generally below 1 hours

Not recommended

Glove Recommendation

EN 374 Chemical Permeation	Nitrile	Vinyl	Latex
Alcohols	Code numbers applies for our gloves		
Allyl Alcohol			
Butyl Alcohol			
Ethyl Alcohol			
Isopropyl Alcohol			
Methyl Alcohol			
Aldehydes	Code numbers applies for our gloves		
Acetaldehyde			
Acrolein			
Benzaldehyde			
Butyraldehyde			
Formaldehyde			
Glutaraldehyde			
Alphatic Hydrocarbons	Code numbers applies for our gloves		
Diesel			
Hexane			
Kerosene			
Naphtha			
Pentane			
Petroleum Ether			
Turpentine			
Alkalis	Code numbers applies for our gloves		
Ammonium Hydroxide up to 70%			
Potassium Hydroxide up to 70%			
Sodium Hydroxide up to 70%			
Amines	Code numbers applies for our gloves		
Aniline			
Ethanolamine			
Ethylamine			
Methylamine			
Triethanolamine			
Aromatic Hydrocarbons	Code numbers applies for our gloves		
Benzene			
Gasoline			
Naphthalene			
Toluene			
Xylene			

EN 374 Chemical Permeation	Nitrile	Vinyl	Latex
Cytostatica	Code numbers applies for our gloves		
5-Fluorouracil 50.000 ppm			
Carmustine 3.300 ppm			
Cisplatin 1.000 ppm			
Cyclophosphamide 20.000 ppm			
Dacarbazine 10.000 ppm			
Doxorubicin Hydrochloride 2.000 ppm			
Etoposide 20.000 ppm			
Paclitaxel (Taxol) 6.000 ppm			
Thio-Tepa 10.000 ppm			
Elements	Code numbers applies for our gloves		
Bromine			
Chlorine Aqueous			
Iodine			
Mercury			
Esters	Code numbers applies for our gloves		
Ethyl Acetate			
Butyl Acetate			
Methyl Acetate			
Isobutyl Acrylate			
Ethers Glycols	Code numbers applies for our gloves		
Diethyl Ether			
Ethylene Glycol			
Isopropyl Ether			
Propylene Glycol			
Tetrahydrofuran			
Halogenanted Hydrocarbons	Code numbers applies for our gloves		
Carbon Tetrachloride			
Chloroform			
Methylene Chloride			
Polychlorinated Biphenyls (PCB´s			
Perchloroethylene			
Trichloroethylene			
Inorganic Acids	Code numbers applies for our gloves		
Chromic Acid up to 70%			
Hydrochloric Acid up to 37%			
Hydrofluoric Acid up to 70%			
Nitric Acid 70+%			
Perchloric Acid up to 70%			
Phosphoric Acid 70+%			
Sulfuric Acid 70+%			
Sulfuric Acid 40%			
Ketones	Code numbers applies for our gloves		
Acetone			
Diisbutyl Ketone			
Methyl Ethyl Ketone			
Miscellaneous	Code numbers applies for our gloves		
Acetic Anhydride			

EN 374 Chemical Permeation	Nitrile	Vinyl	Latex
Acetonitrile			
Acrylamide			
Carbon Disulfide			
Cresols			
Cutting Fluid			
Dimethyl Sulfoxide			
Hydraulic Oil			
Hydrazine			
Hydrogen Peroxide			
Lubricating Oil			
Malathion			
Nitrobenzene			
Phenol			
Photo Solutions			
Picric Acid			
Pyridine			
Organic Acids	Code numbers applies for our gloves		
Acetic Acid			
Formic Acid			
Lactic Acid			
Maleic Acid			
Oxalic Acid			
Salt Solutions	Code numbers applies for our gloves		
Ammonium Nitrate			
Calcium Hypochlorite			
Ferric Chloride			
Mercuric Chloride			
Potassium Cyanide			
Potassium Dichromate			
Potassium Permanganate			
Sodium Cyanide			
Sodium Thiosulfate			