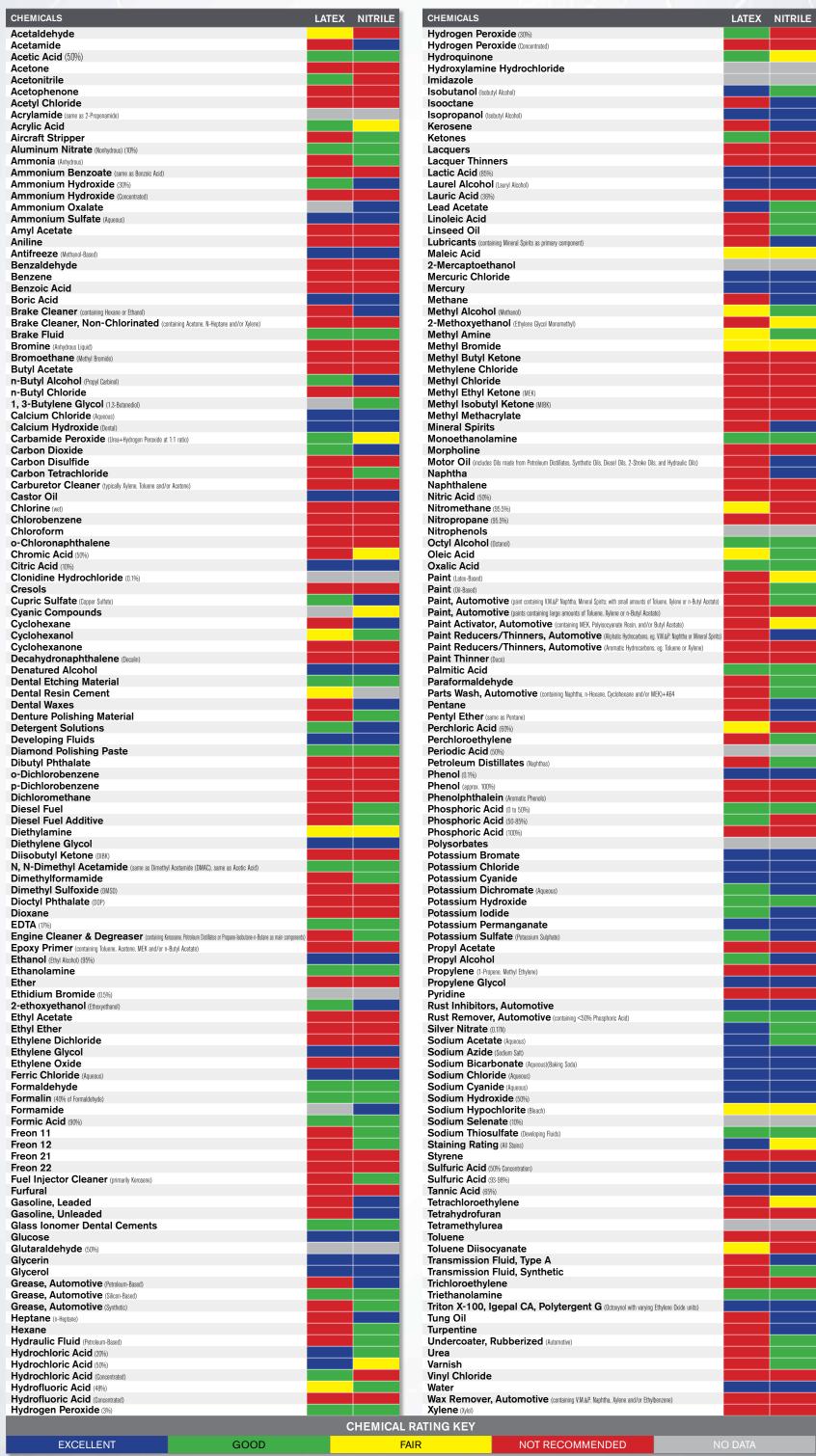


CHEMICAL RESISTANCE GUIDE FOR MICROFLEX GUIDE LATEX & NITRILE GLOVES

The following chemical resistance ratings are based on published research data. Microflex[®] gloves have not been individually tested against the chemicals contained in this chart.



GENERAL INFORMATION AND CAUTIONS: YOUR UNDERSTANDING OF HOW TO USE THIN-FILM GLOVES IS EXTREMELY IMPORTANT TO YOUR SAFETY. Microflex* gloves are intended for use as protection against incidental exposure to chemicals and other harmful substances. These gloves do not offer protection against all chemicals under all conditions, and are not designed to provide protection against prolonged or continuous exposure to harmful substances. As a precaution, glove users are advised to change gloves immediately upon exposure to harmful substances. It is the responsibility of the user to choose the appropriate glove type, thickness and to change gloves as they become contaminated. This Chemical Resistance Chart is offered as a guide and for reference purposes only. The chemical resistance ratings are based on published research data. Microflex cannot certify the accuracy of the data and therefore does not represent nor warrant that the information

in the chemical resistance chart is accurate or complete. Microflex* gloves have NOT been individually tested against the chemicals contained in this chart. The barrier properties of each glove type may be affected by differences in material thickness, chemical concentration, temperature, and length of exposure to chemicals. If you ever have a problem, or have any questions about your Microflex* gloves, our Customer Service team is ready to assist you. Microflex* exam gloves meet or exceed all current medical grade examination glove standards imposed by the ASTM International and the Food and Drug Administration (FDA). At 1.5 AQL, our gloves meet or exceed enew AQL standards.



CHEMICAL RESISTANCE GUIDE

FOR MICROFLEX LATEX AND SYNTHETIC GLOVES

MICR@FLEX®

Please see inside panel for chemical resistance guide for Microflex® Latex and Nitrile Gloves

Powder-Free <u>Latex</u> Examination Gloves











Powder-Free Latex
Examination Gloves
for High Risk Environments





Powder-Free <u>Nitrile</u> Examination Gloves



















Powder-Free <u>Nitrile</u> Examination Gloves for High Risk Environments











Powder-Free **Chloroprene**

Examination Gloves

Powder-Free Nitrile
Examination Gloves
INDUSTRIAL GRADE











Caution (LATEX): This product contains natural rubber latex water may cause amerge reactions. Safe use of this glove by or on latex sensitized individuals has not been established. (NITRILE & CHLOROPRENE): Components used in making these gloves may cause allergic reactions in some users. Follow your institution's policies for use. (NITRILE: INDUSTRIAL GRADE): These gloves are intended for Industrial Use Only. They may not be worn for barrier protection in medical or healthcare applications. Components used in making these gloves may cause allergic reactions in some users. Follow your institution's policies for use.

Microflex® Chemical Resistance Guide

For NeoPro® and NeoPro® EC Gloves



Test Method Description: The test method uses analytical equipment to determine the concentration of and the time at which the challenge chemical permeates through the glove film. The liquid challenge chemical is collected in a liquid miscible chemical (collection media). Data is collected in three separate cells; each cell is compared to a blank cell which uses the same collection media as both the challenge and collection chemical.

Cautionary Information: These glove recommendations are offered as a guide and for reference purposes only. The barrier properties of each glove type may be affected by differences in material thickness, chemical concentration, temperature, and length of exposure to chemicals. Thin-film gloves are designed for transient and single-use only. Gloves should be removed and replaced with a new pair upon exposure to chemicals. Please follow your institution's policies for use.

The data presented in this guide is deemed accurate to the best of Microflex's knowledge.

Test Method: ASTM F739 continuous contact

Chemicals	NeoPro®
Acetaldehyde	0
Acetic Acid (50%)	NBT
Aluminum Nitrate (10%)	NBT
Ammonium Hydroxide (30%)	15 min
Benzene	0
Butyl Acetate	0
Chloroform	0
Clonidine Hydrochloride (10%)	NBT
Copper(II) Ethylenediamine (1 molar)	NBT
Diesel Fuel (1%)	10 min
Dimethylformamide	1 min
Dimethyl Sulfoxide	30 min
Ethanol	52 min
Ethanolamine (99%)	NBT
Ether	2 min
Ethidium Bromide (1%)	NBT
Ethyl Acetate	2 min
Formaldehyde (37%)	NBT
Formamide	NBT
Gluteraldehyde (50%)	NBT
Guanidine Hydrochloride	NBT
Hydrochloric Acid (18%)	NBT
Methanol	0
Methyl Ethyl Ketone	0
Methyl Methacrylate (33%)	0

Chemicals	NeoPro®
Nitric Acid (50%)	NBT
Perchloric Acid (50%)	NBT
Phenol (10%)	NBT
Phenylmethylsulfonyl Fluoride (5%)	0
Silver Nitrate (10%)	NBT
Sodium Dodecyl Sulfate (0.10%)	NBT
Sodium Hydroxide (40%)	NBT
Sodium Selenate (10%)	NBT
Sulfuric Acid (50%)	NBT
Tetrahydrofuran	0
Toluene	0
Trifluoroacetic Acid	0
Xylene	0

Xylene	0
KEY: CHEMICAL PERMEATION RATES	
Greater than 60 minutes = EXCELLENT	г
31-60 minutes = VERY GOOD	
21-30 minutes = GOOD	
11-20 minutes = FAIR	
3-10 minutes = POOR	
Less than 3 minutes = NOT RECOMME	NDED
Normalized Breakthrough Time: Identifi	ed in minutes
NBT = No Breakthrough Time up to 120 m	inutes

Caution: Components used in making these gloves may cause allergic reactions in some users. Follow your institution's policies for use.