



CHEMICAL RESISTANCE GUIDE

FOR MICROFLEX LATEX AND SYNTHETIC GLOVES

MICROFLEX®

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

Powder-Free **Latex**
Examination Gloves



Powder-Free **Latex**
Examination Gloves
for High Risk Environments



Powder-Free **Nitrile**
Examination Gloves



Powder-Free **Nitrile**
Examination Gloves
for High Risk Environments



Powder-Free **Chloroprene**
Examination Gloves



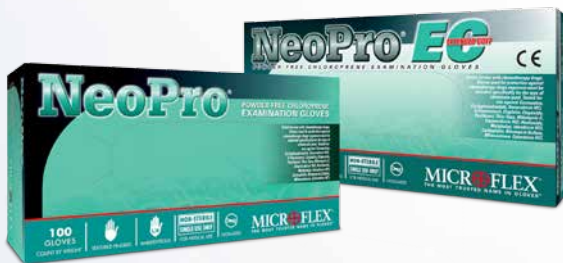
Powder-Free **Nitrile**
Examination Gloves
INDUSTRIAL GRADE



Caution (**LATEX**): This product contains natural rubber latex which may cause allergic 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®	Chemicals	NeoPro®
Acetaldehyde	0	Nitric Acid (50%)	NBT
Acetic Acid (50%)	NBT	Perchloric Acid (50%)	NBT
Aluminum Nitrate (10%)	NBT	Phenol (10%)	NBT
Ammonium Hydroxide (30%)	15 min	Phenylmethylsulfonyl Fluoride (5%)	0
Benzene	0	Silver Nitrate (10%)	NBT
Butyl Acetate	0	Sodium Dodecyl Sulfate (0.10%)	NBT
Chloroform	0	Sodium Hydroxide (40%)	NBT
Clonidine Hydrochloride (10%)	NBT	Sodium Selenate (10%)	NBT
Copper(II) Ethylenediamine (1 molar)	NBT	Sulfuric Acid (50%)	NBT
Diesel Fuel (1%)	10 min	Tetrahydrofuran	0
Dimethylformamide	1 min	Toluene	0
Dimethyl Sulfoxide	30 min	Trifluoroacetic Acid	0
Ethanol	52 min	Xylene	0
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		

KEY: CHEMICAL PERMEATION RATES

Greater than 60 minutes = **EXCELLENT**
 31-60 minutes = **VERY GOOD**
 21-30 minutes = **GOOD**
 11-20 minutes = **FAIR**
 3-10 minutes = **POOR**
 Less than 3 minutes = **NOT RECOMMENDED**

Normalized Breakthrough Time: Identified in minutes
 NBT = No Breakthrough Time up to 120 minutes

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