

Chemical Compatibility Chart for Reusable Gloves

Brand of glove	Ansell® Sol-Vex® Nitrile	MAPA® Stanzoil® Neoprene	Best™			North Silver Shield® Norfoil®
			Black Knight™ PVC	Butyl™ II Butyl	Viton® Fluoroelastomer	
Chemical	Compatibility rating					
Acetic Acid	B	A	A	A	A	—
Acetone	D	A	B	A	D	A
Acetonitrile	C	A	—	A	C	A
Ammonium Hydroxide	A	A	—	A	A	—
Carbon Tetrachloride	B	C	—	C	A	A
Chloroform	D	B	—	D	A	D
Ethanol	A	A	—	A	A	—
Ethyl Ether	A	A	—	B	C	—
Formaldehyde	A	A	—	A	A	A
Hexane	A	A	A	D	A	A
Hydrochloric Acid	A	A	—	A	A	A
Isopropanol	A	A	—	A	A	—
Kerosene	A	A	—	C	A	A
Methanol	C	A	—	A	A	A
Nitric Acid	D	A	—	A	A	A
Pentane	A	A	—	C	A	A
Phosphoric Acid	A	A	—	A	A	—
Potassium Hydroxide	A	A	—	A	A	—
Sodium Hydroxide	A	A	A	A	A	A
Sulfuric Acid	D	A	A	A	A	A
Xylene	C	C	B	D	A	A
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▲ WARNING

The information in this chart was supplied to Cole-Parmer by other reputable sources and is to be used **ONLY** as a guide in selecting gloves for chemical compatibility testing. Variability in material thickness, chemical concentration, temperature, and length of exposure to chemicals will affect specific performance.

Always test the products with the specific chemicals and under the specific conditions of your application. Cole-Parmer does not warrant (neither expressed nor implied) the accuracy or completeness of this chart or that any material is suitable for any purpose.

Compatibility Ratings

- A – Very Good or Excellent
- B – Good
- C – Fair
- D – Not recommended
- No data available

Call our Application Specialists for assistance in selecting the right glove for your application.

800-323-4340



Ansell Protective Products Barrier™ Gloves



Gloves are made from a five-layer film for excellent chemical resistance. The non-woven liner keeps your hands and wrists cool and dry. You can also use as liners under heavier gloves.

Approval: CE

Catalog number	Size	Length	Thickness	Price per pair	
				1 pr	12 pr
A-81608-11	7	15"	2.5 mil		
A-81608-12	8				
A-81608-13	9				
A-81608-14	10	16"	2.5 mil		
A-81608-15	11				

Ansell Protective Products Chem-White® Sol-Vex® Nitrile Gloves

These gloves are more resistant to solvents (including aromatics and hydrocarbons) than neoprene or rubber. Embossed grip. Pack of 12 pairs.

Approval: CE

Compliance: Made with FDA accepted materials



Catalog number	Size	Length	Thickness	Price per pack	
				1 pk	6 pk
A-81603-10	7-7½	13"	9 mil		
A-81603-30	8-8½				
A-81603-50	9-9½				
A-81603-70	10				

100% Nylon Knit Half-Fingered Glove Liners



Experience the softness and comfort of seamless, fine-gauge nylon knit. Liners prevent irritation during extended wear of protective gloves. Dust-free nylon is also ideal for cleanrooms. Liners are half-fingered to offer excellent tactile sensitivity. Wash and sterilize for repeated use. Pack of 12 pair.

Catalog number	Size	Price per pack	
		1 pk	10 pk
BH-86382-10	Small		
BH-86382-11	Medium		
BH-86382-12	Large		
BH-86382-13	X-large		