

2008 Edition



Guide to Chemical-Resistant Best Gloves



BEST® CHEMICAL-RESISTANT GLOVES PROVIDE THE LAST LINE OF PROTECTION TO DEFEND AGAINST MANY HAZARDOUS CHEMICALS

BEST GLOVES MEET YOUR NEEDS

For over fifty years, Best has been a world leader in the development, manufacturing and marketing of industrial work gloves. Best offers one of the world's broadest ranges of disposable, general purpose, chemical resistant, cut resistant, high tech and specialty gloves.

Featuring a number of different protective polymer materials including Neoprene, Nitrile, Natural Rubber, PVC, Butyl, Viton and Polyurethane, Best continually improves and develops new products designed to protect the end-user from exposure to hazardous chemicals, biological agents and physical hazards. Best gloves are available in a variety of different lengths, thicknesses and cuff configurations to meet the ever expanding hazards encountered in the worldwide workplace.

Best complies with NFPA 1999 Standard for Emergency Medical Operations for all our medical grade N-DEX disposable exam gloves.

Best complies with NFPA 1992 Standard for Hazmat Splash protection gloves in our complete family of Neoprene Chloroflex and Nitrile Nitri-Solve brand gloves.

PEER REVIEW OF THIS GUIDE BY LEADERS IN OCCUPATIONAL HEALTH

1. Krister Forsberg, CIH co-author of Quick Selection Guide to Chemical Protective Clothing Wiley-Interscience
2. S.Z. Mansdorf, PhD, CIH, CSP, co-author of Chemical Protective Clothing Vol 2, AIHA
3. Jimmy L. Perkins, PhD, CIH, ASTM Outstanding Service Award for F23, 1990
4. Jeffrey O Stull, President, International Personnel Protection former chairman of ASTM F23 Committee on Protective Clothing

Notice: Peer review by these individuals does not constitute an endorsement of Best products and should not be construed as such. The parties were chosen to critically review the contents of this guide only and do not assume any liability whatsoever for the data presented here.



Best's Analytical Chemists routinely perform chemical resistance testing that conforms to Industry Standards including:

ASTM F739 *Standard Test Method for Resistance of Protective Clothing to Permeation by Liquids or Gases Under Conditions of Continuous Contact* and **ASTM F1383** *Standard Test Method for Resistance of Protective Clothing Materials to Permeation by Liquids and Gases under Conditions of Intermittent Contact* and **EN 374** *European Standard Protective Gloves against Chemicals and Micro-organisms.*

All breakthrough times are normalized to the ASTM Requirements of $0.1 \mu\text{g}/\text{cm}^2/\text{min}$ for the safest possible data.

Such factors as temperature may accelerate the permeation and degradation of glove materials. ASTM F739, F1383 and EN 374 testing was performed as described in the standards at room temperature or 25°C .

THESE BEST CHEMICAL-RESISTANT GLOVES ARE FEATURED IN THIS GUIDE

1. Nitrile disposable: Best® N-DEX® Plus 8005 (8 mils)
2. Nitrile disposable: Best Original N-DEX® 7005 (4 mils)
3. Nitrile unsupported: Best Nitri-Solve® 727 (15 mils)
4. Neoprene supported: Best Neoprene 6780 series
5. Neoprene unsupported: Neoprene Chloroflex™ 723 (28 mils)
6. Neop/Nat Rubber: Best Chem Master™ CHM (26 mils)
7. Butyl unsupported: Best Butyl® 878 (25 mils thick)
8. Viton unsupported: Best Viton® 890 (30 mils)

The styles shown in this guide represent the full range of Best Chemical Resistant gloves including:

Neoprene:	Natural Rubber Latex HD™
Neoprene®	Tuff Guard™
Neo Grab™	Dermathin®
Ultraflex™ Neoprene	PVC:
Chloroflex™	Black Knight®
Nitrile:	Hustler™
N-DEX®	Cannonball™
Nitri-Solve®	Superflex™
Nitri-Master®	Insulated Superflex™
Nitri-Pro®	Neo Hyde®
Nitri-Flex®	Butyl:
Natural Rubber:	Best Butyl®
Nitty Gritty®	Viton:
Value Master®	Best Viton®
Best Master®	Neoprene/Natural Rubber:
	Chem Master™

HOW TO READ THIS GUIDE:

CHEMICAL	CAS Number	N-DEX [®] Plus 8005PF Nitrile Gloves					
		Degradation Rating				BTT Time in Minutes	EN 374 Level (0-6)
		Time in Minutes					
		5	30	60	240		
54. Diesel Fuel	77650-28-3	E	E	G	G	88	3

Explanation of Chemrest:

- CAS Number:** All chemicals have many different names whether it be the assigned name using the nomenclature outlined by IUPAC (International Union of Pure and Applied Chemistry) or common names or foreign names of chemicals. The CAS Number is a universally accepted identifier for each chemical no matter what language or synonym is given. For some chemicals in this guide you will notice several common synonyms but they have the same CAS Number.
- Degradation Ratings:** Degradation is physical change in a glove material after chemical exposure. Typical effects may be swelling, wrinkling, deterioration or delamination of layers. There are no universally accepted standards for measuring degradation. Best degradation test method is based on a protocol considered by ASTM and one that is being considered by CE. One side of the glove material is completely immersed in the test chemical for four hours. The percent weight change is measured at four time intervals: 5, 30, 60 and 240 minutes with the following rating scheme:

Key to Degradation Ratings	
Degradation Rating	% Weight Change
E = Excellent	0-10%
G = Good	11-20%
F = Fair	21-30%
P = Poor	31-50%
NR = Not Recommended	Above 50%

Note: When degradation is rated as Poor or Not Recommended (NR) after 60 minutes, permeation testing was not performed and the gloves were rated as NR based on sever degradation.

Weight change based on Gravimetric Analysis is only one measure of degradation and may not account for some physical changes occurring after exposure to chemicals such as loss in tensile strength or hardening of PVC after solvent exposure.

Permeation Testing:

ASTM F739-96: Standard Test Method for Resistance of Protective Clothing Materials to Permeation by Liquids and Gases Under Conditions of Continuous Contact

1. Breakthrough Detection Time (BTT): the time in minutes after initial exposure of a chemical to the outer surface of the glove material to the time it can first be detected on the inside of glove. BTTs reported are normalized to a permeation rate of 0.1 µg/cm²/min. All BTTs meet this requirement except those analyzed by pH or conductivity. The code used in reporting results is as follows: **ND** = None Detected; **NR** = Not Recommended; **NA** = Not Applicable; **NT** = Not Tested

EN 374: Chemical Resistance Permeation Performance Levels

The performance levels of EN 374 Standard: *Protective Gloves Against Chemicals and Micro-Organisms* is used with the following color coding:

Breakthrough Time in Minutes	Permeation Performance Level
< 10 minutes	0
>10 minutes	1
>30 minutes	2
>60 minutes	3
>120 minutes	4
>240 minutes	5
>480 minutes	6

Glove Families: Gloves Tested for this Guide reflect a cross-section of products produced by Best Glove Inc. Other products in the same product family will have similar chemical resistance properties.

- N-DEX 6005 exam glove is equivalent to N-DEX 7005 listed.
- Nitri-Solve 730, 737 and 747 are at least as good as the test data shown for Nitri Solve 727 gloves.
- Neoprene styles 6780R, 6784, 6784R, 6787, 6797R will have chemical resistance properties equivalent to style 670 shown.
- Neoprene Chloroflex N8 styles will have chemical resistance properties at least as good as the test data shown for Chloroflex 723 gloves.

Please visit www.bestglove.com for complete information on other Best glove styles not listed here or call 800-241-0323 for Best Technical Services.

Recommended Uses for Gloves Featured in CHEMREST Guide



Best N-DEX Plus 8005 8 mil Disposable Nitrile glove and Original N-DEX 7005 4 mil Disposable Nitrile glove:

Analyzing samples, artificial insemination, blood drawing, central services, chemotherapy administration, clinical lab analysis, dental, dental applications, dental hygiene, drug testing, EMT, emergency medical services, first aid, gluteraldehyde, health care, histology, hospital, hospital

clean-up, lab hospital, lab work, laboratories, laboratory applications, laboratory safety, medical, medical laboratory work, medical technology, non-latex, OB/GYN, oncology, paramedic applications, patient exam, pelvic exams, pharmaceutical handling, phlebotomy, veterinary, crime scene applications, law enforcement, ESD applications, Blood-borne Pathogens (8005), MRSA Protection, Nanoparticles



Best Nitri-Solve 15 mil Nitrile glove:

Aerospace, agricultural, agricultural chemicals, aircraft assembly, alcohols, aliphatic hydrocarbons, analyzing samples, animal fat resistance, animal fats, asbestos abatement, assembly, automotive, automotive maintenance, automotive repair, aviation,

caustics, chemical handling, chemical manufacturing, chemical processing, medical, chemical resistant, military, cleaning equipment, concrete work, oil, corrosives, crime scene applications, cutting oil, degreasing, detergents, disaster relief, electronics assembly, emergency response, environmental, environmental monitoring, farming, fishing, food applications, food handling, food processing, fruit handling, furniture manufacturing, furniture refinishing, gas tanker trucks, gas vapors, graphic arts, greases, histology, hospital clean-up, house keeping, janitorial, lab hospital, lab work, laboratories, laboratory applications, laboratory safety, lawn care, mass transit, materials handling, meat processing, metal machining where oils are used, mining, mortuary work, non-latex, oils, paint mixing, painting, paper manufacturing, parts handling, PCBs, pesticide handling, pesticide manufacturing, pesticides, petrochemical, petrochemicals, petroleum-based solvents, poultry, poultry processing, printing, printing clean-up, puncture resistant, punctures, radiator repair, refinery, refining, rubber & plastic, salt, sampling, ship board applications, ship building, shipbuilding, solvent resistant, solvents, spills, technical analysis, textile & apparel, transportation, vegetable handling, veterinary, wood processing, Hexavalent Chromium protection, NFPA 1992 Hazmat



Best Neoprene Chloroflex 723 Unsupported glove:

Acid resistant, acids, aerospace, agricultural, alcohols, aliphatic hydrocarbons, automotive, aviation, battery manufacturing, caustics, chemical handling, chemical manufacturing, chemical processing, cleaning equipment, corrosives, cutting oil, electronics, emergency response, galvanizing, graphic arts, laboratories,

laboratory applications, laboratory safety, lab work, leather processing, mass transit, metal fabrication, metal handling, military, oil, paint mixing, painting, pesticide manufacturing, petrochemical, petrochemicals, petroleum-based solvents, plating, printing, quality control, refinery, refining, rubber & plastics, salt, sampling, small parts handling, solvent resistant, solvents, spills, textile & apparel, transportation, Hexavalent Chromium protection, NFPA



Best Neoprene Supported glove:

Abrasion resistant, oils, abrasive materials, pellet-blasting, acids, plating, acids resistant, petrochemicals, alcohol's, petroleum-based solvents, aliphatic hydrocarbons, refining bricks & tile handling, salt, bricks, sandblasting, ship board applications, caustics, shipbuilding, chemical handling, slick materials handling, chemical processing, solvents resistant, solvents, cleaning equipment, spills, concrete work, utilities, corrosives, cutting oil, degreasing, aerospace, leather processing, refinery, emergency response, agriculture, lumber, rubber & plastic, fuel handling, automotive, mass transit, textile & apparel, galvanizing, aviation, metal fabrication, transportation, gas tanker trucks, battery manufacturing, military, greases, chemical manufacturing, oil, Hazmat, construction, painting, masonry, fishing, paper manufacturing, metal fabrication, food processing, pesticide manufacturing, metal handling, hazmat, petrochemical, metal matching where oils are used, printing, Hexavalent Chromium protection



Best Chem Master CHM Unsupported glove:

Acid resistant, acids, alcohols, bricks, aliphatic hydrocarbons, canning, caustics, chemical handling, chemical processing, chemical resistant, cleaning equipment, concrete work, corrosives, detergents, emergency response, farming, galvanizing, greenhouses & horticulture, food applications, food handling, fruit handling, lab work, laboratory applications, laboratory safety, masonry, metal fabrication, metal handling, paint mixing, petrochemicals, petroleum-based solvents, plumbing, printing clean-up, quality control, refining, sampling, salt, ship board applications, shipbuilding, slick materials handling, small parts handling, solvent resistant, solvents, spills, vegetable handling, aerospace, agricultural, automotive, aviation, battery manufacturing, chemical manufacturing, construction, electronics, hazmat, laboratories, leather processing, mass transit, military, oil, painting, pesticide manufacturing, petrochemical, printing, refinery, rubber & plastic, transportation, graphic arts



Best Butyl 878 Unsupported glove:

Aerospace, aviation, chemical manufacturing, military, oil, painting, petrochemical, printing, refinery, rubber & plastic, acids, alcohols, caustics, chemical handling, chemical processing, cleaning equipment, corrosives, emergency response, furniture refinishing, gas vapors, ketones, lab work, laboratory applications, laboratory safety, solvent resistant, solvents, spills, Chemical Resistant, disaster relief, Emergency Response, First Responders, hazmat



Best Viton 890 878 Unsupported glove:

acids, aliphatic hydrocarbons, aromatic solvents, caustics, chemical handling, chemical processing, chlorinated solvents, cleaning equipment, corrosives, emergency response, furniture refinishing, lab work, laboratory applications, laboratory safety, petrochemicals, petroleum-based solvents, PCBs, refining, solvent resistant, solvents, spills, aerospace, aviation, chemical manufacturing, petrochemical, refinery, hazmat,



CHEMICAL	CAS Number	Neoprene Chloroflex 723 Gloves						Neoprene Chem Master CHM Gloves						Best Butyl 878 Gloves						Best Viton 890 Gloves																					
		Chemical Resistance										Chemical Resistance										Chemical Resistance										Chemical Resistance									
		Degradation Rating				BTT	EN 374	Degradation Rating				BTT	EN 374	Degradation Rating				BTT	EN 374	Degradation Rating				BTT	EN 374																
		Time in Minutes				Time in Minutes	Level (0-6)	Time in Minutes				Time in Minutes	Level (0-6)	Time in Minutes				Time in Minutes	Level (0-6)	Time in Minutes				Time in Minutes	Level (0-6)																
	5	30	60	240			5	30	60	240			5	30	60	240			5	30	60	240																			
1. Acetaldehyde	75-07-0	E	E	G	F	20	1	E	E	E	F	7	0	E	E	E	E	>480	6	G	P	P	P	NR	0																
2. Acetic Acid 84%	64-19-7	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																
3. Acetone	67-64-1	E	E	G	G	15	1	E	E	E	E	13	1	E	E	E	E	>480	6	E	NR	NR	NR	NR	0																
4. Acetonitrile	75-05-8	E	E	E	E	36	2	E	E	E	E	4	0	E	E	E	E	>480	6	E	G	P	P	NR	0																
5. Acrylamide 50%	79-06-1	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																
6. Acrylonitrile	107-13-1	E	E	E	E	36	2	E	E	E	E	8	0	E	E	E	E	>480	6	E	F	F	F	55	2																
7. Ammonia (gas)	7664-41-7	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6																
8. Ammonium Hydroxide	1336-21-6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																
9. Anyl Acetate	628-63-7	E	E	P	NR	NR	0	G	F	P	NR	NR	0	E	E	E	E	158	4	E	F	P	NR	NR	0																
10. Anyl Alcohol	71-41-0	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																
11. Anhydrous Ammonia	7664-41-7	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6																
12. Aniline	62-53-3	E	E	NR	NR	NR	0	NT	NT	NT	NT	NR	0	E	E	E	E	>480	6	E	E	E	E	>480	6																
13. Aqua Regia	8007-56-5	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																
14. Battery Acid	7664-93-9	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																
15. Benzaldehyde	100-52-7	G	F	P	NR	NR	0	G	P	P	NR	NR	0	E	E	E	E	>480	6	E	E	E	G	>480	6																
16. Benzene	71-43-2	G	NR	NR	NR	NR	0	P	NR	NR	NR	NR	0	E	G	P	P	34	2	E	E	E	E	>480	6																
17. Bromoform	75-25-2	NR	NR	NR	NR	NR	0	P	NR	NR	NR	NR	0	E	G	F	P	204	4	E	E	E	E	>480	6																
18. Butadiene, 1,3-	106-99-0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	E	E	E	E	473	5	E	E	E	E	>480	6																
19. Butanol	71-36-3	E	E	E	E	>480	6	E	E	E	E	125	4	E	E	E	E	>480	6	E	E	E	E	>480	6																
20. Butoxypropanol	5131-66-8	E	E	E	E	329	5	E	E	E	E	123	4	E	E	E	E	>480	6	E	E	E	E	>480	6																
21. Butoxytriglycol	143-22-6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																
22. Butyl Acetate	123-86-4	E	F	P	P	NR	0	G	P	P	P	NR	0	E	E	E	G	125	4	E	P	NR	NR	NR	0																
23. Butylamine	109-73-9	G	F	P	NR	NR	0	P	P	P	NR	NR	0	E	G	G	G	45	2	G	P	NR	NR	NR	0																
24. Butyl Carbitol Solvent	112-34-5	E	E	E	E	>480	6	E	E	E	E	99	3	E	E	E	E	>480	6	E	E	E	E	>480	6																
25. Butyl Cellosolve Solvent	111-76-2	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																
26. Butyl Dipropasol Solvent	29911-28-2	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																
27. Butyl Ethylene	592-41-6	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	G	P	NR	NR	NR	0	E	E	E	E	>480	6																
28. Butyl Propasol Solvent	5131-66-8	E	E	E	E	>480	6	E	E	E	E	123	4	E	E	E	E	>480	6	E	E	E	E	>480	6																
29. p-Tert Butyl Toluene	98-51-1	E	G	F	NR	53	2	G	F	P	NR	NR	0	E	G	F	NR	NR	0	E	E	E	G	>480	6																
30. Carboic Acid	108-95-2	NT	NT	NT	NT	19	1	NT	NT	NT	NT	19	1	E	E	E	E	>480	6	E	E	E	E	>480	6																
31. Carbon Disulfide	75-15-0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NR	NR	NR	NR	NR	0	E	E	E	E	>480	6																
32. Carbon Tetrachloride	56-23-5	G	P	NR	NR	NR	0	F	NR	NR	NR	NR	0	E	F	P	NR	NR	0	E	E	E	E	>480	6																
33. Caustic Potash 45%	1310-58-3	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																
34. Caustic Soda 50%	1310-73-2	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																
35. Cellosolve Acetate	110-80-5	E	G	G	F	55	2	E	G	G	F	31	2	E	E	E	E	>480	6	E	G	F	NR	NR	0																
36. Chlorine (gas)	7782-50-5	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6																
37. Chlorobenzene	108-90-7	F	NR	NR	NR	NR	0	P	NR	NR	NR	NR	0	E	P	NR	NR	NR	0	E	E	E	E	>480	6																



CHEMICAL	CAS Number	N-DEX Plus 8005 Nitrile Gloves						N-DEX Original 7005 Nitrile Gloves						Nitri-Solve 727 Nitrile Gloves						Neoprene 6780 Gloves																													
		Chemical Resistance												Chemical Resistance												Chemical Resistance												Chemical Resistance											
		Degradation Rating				BTT		EN 374		Degradation Rating				BTT		EN 374		Degradation Rating				BTT		EN 374		Degradation Rating				BTT		EN 374																	
		Time in Minutes				Time in Minutes		Level (0-6)		Time in Minutes				Time in Minutes		Level (0-6)		Time in Minutes				Time in Minutes		Level (0-6)		Time in Minutes				Time in Minutes		Level (0-6)																	
	5	30	60	240				5	30	60	240				5	30	60	240				5	30	60	240				5	30	60	240																	
38. Chloroform	67-66-3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	G	P	NR	NR	23	1														
39. Chromic Acid 50%	1333-82-0	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6												
40. Chromium Trioxide	1333-82-0	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6												
41. Citric Acid 30%	77-92-9	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6												
42. Cresols	1319-77-3	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	E	G	P	NR	NR	0	E	G	P	NR	NR	0	E	E	E	E	>480	6	E	E	E	E	>480	6												
43. Cresylic Acid	1319-77-3	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	E	G	P	NR	NR	0	E	G	P	NR	NR	0	E	E	E	E	>480	6	E	E	E	E	>480	6												
44. Cyclohexane	110-82-7	E	E	E	E	38	2	E	E	E	E	10	1	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	228	4	E	E	E	E	>480	6												
45. Cyclohexanol	108-93-0	E	E	E	G	275	5	E	E	E	G	80	3	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6												
46. Cyclohexanone	108-94-1	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	E	F	NR	NR	60	3	E	F	NR	NR	60	3	E	G	F	NR	108	3	E	E	E	E	>480	6												
47. Diacetone Alcohol	123-42-4	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	E	E	E	G	30	2	E	E	E	G	30	2	E	E	E	E	>480	6	E	E	E	E	>480	6												
48. n-Dibutyl Phthalate	84-74-2	G	F	P	NR	>480	6	G	F	P	NR	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6												
49. Dichlorobenzene, o-	95-50-1	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	E	P	NR	NR	NR	0	E	P	NR	NR	NR	0	G	P	P	NR	NR	0	E	E	E	E	>480	6												
50. Dichloroethane, 1,2-	107-06-2	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	P	NR	NR	NR	6	0	P	NR	NR	NR	6	0	E	F	P	P	16	1	E	E	E	E	>480	6												
51. Dichlorofluoroethane	1717-00-6	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	E	E	G	P	34	2	E	E	G	P	34	2	E	G	F	F	68	3	E	E	E	E	>480	6												
52. Dichloromethane	75-09-2	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	4	0	NR	NR	NR	NR	4	0	G	NR	NR	NR	7	0	E	E	E	E	73	3	E	E	E	E	>480	6						
53. Dichlorotrifluoroethane	306-83-2	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	F	NR	NR	NR	NR	0	F	NR	NR	NR	NR	0	E	E	E	E	73	3	E	E	E	E	>480	6												
54. Diesel Fuel	77650-28-3	E	E	G	G	88	3	E	E	G	G	82	3	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6												
55. Diethanolamine	111-42-2	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6												
56. Diethylamine	109-89-7	P	P	P	NR	NR	0	P	P	P	NR	NR	0	E	G	F	P	60	3	E	G	F	P	60	3	E	F	F	P	23	1	E	E	E	E	>480	6												
57. Diethylene Glycol-Monobutyl Ether	112-34-5	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6												
58. Diethylene Glycol-Monohexyl Ether	112-59-4	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6												
59. Diethylene Glycol-Monomethyl Ether	111-77-3	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6												
60. Diethylene Glycol-Monopropyl Ether	6881-94-3	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	G	188	4	E	E	E	G	188	4	E	E	E	E	>480	6	E	E	E	E	>480	6												
61. Diethylene Oxide	123-91-1	NR	NR	NR	NR	7	0	NR	NR	NR	NR	NR	0	G	F	NR	NR	4	0	G	F	NR	NR	4	0	E	G	G	P	73	3	E	E	E	E	>480	6												
62. Di-Isobutylketone	108-83-8	E	E	E	E	NT	NT	E	E	E	E	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6												
63. N,N-Dimethylacetamide	127-19-5	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	P	NR	NR	NR	NR	0	P	NR	NR	NR	NR	0	E	E	E	E	84	3	E	E	E	E	>480	6												
64. Dimethyl Formamide	68-12-2	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	P	P	P	P	NR	0	P	P	P	P	NR	0	E	E	E	E	100	3	E	E	E	E	>480	6												
65. 2,6-Dimethyl-4-Heptanone	108-83-8	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6												
66. Dimethylsulfoxide	67-68-5	E	F	F	P	>480	6	E	F	F	P	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6												
67. 2,4-Dinitrotoluene (40% in ROH)	121-14-2	P	NR	NR	NR	NR	0	P	NR	NR	NR	NR	0	G	P	NR	NR	NR	0	G	P	NR	NR	NR	0	E	E	G	F	283	5	E	E	E	E	>480	6												
68. 1,4-Dioxane	123-91-1	NR	NR	NR	NR	7	0	NR	NR	NR	NR	NR	0	G	F	NR	NR	4	0	G	F	NR	NR	4	0	E	G	G	P	73	3	E	E	E	E	>480	6												



CHEMICAL	CAS Number	N-DEX Plus 8005 Nitrile Gloves						N-DEX Original 7005 Nitrile Gloves						Nitri-Solve 727 Nitrile Gloves						Neoprene 6780 Gloves																													
		Chemical Resistance												Chemical Resistance												Chemical Resistance												Chemical Resistance											
		Degradation Rating				BTT		EN 374		Degradation Rating				BTT		EN 374		Degradation Rating				BTT		EN 374		Degradation Rating				BTT		EN 374																	
		Time in Minutes				Time in Minutes		Level		Time in Minutes				Time in Minutes		Level		Time in Minutes				Time in Minutes		Level		Time in Minutes				Time in Minutes		Level																	
		5	30	60	240	Minutes	(0-6)	5	30	60	240	Minutes	(0-6)	5	30	60	240	Minutes	(0-6)	5	30	60	240	Minutes	(0-6)	5	30	60	240	Minutes	(0-6)																		
69. Dipropasol Glycol Monobutyl Ether	29911-28-2	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																		
70. Dipropylene Glycol Monobutyl Ether	29911-28-2	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																		
71. Dipropylene Glycol Monopropyl Ether	29911-27-1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																		
72. Divinyl Benzene	1321-74-0	G	P	NR	NR	NR	0	NR	NR	NR	NR	NR	0	E	E	G	NR	165	4	E	F	P	NR	NR	0	E	F	P	NR	NR	0																		
73. Epichlorohydrin	106-89-8	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	P	NR	NR	NR	NR	0	E	G	G	F	29	1	E	G	G	F	29	1																		
74. Ethanol	64-17-5	E	E	E	G	32	2	NT	NT	NT	NT	NT	NT	E	E	E	G	225	4	E	E	E	E	>480	6	E	E	E	E	>480	6																		
75. Ethanolamine	141-43-5	E	E	E	E	>480	6	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																		
76. 2-Ethoxyethanol	110-80-5	P	NR	NR	NR	NR	0	NT	NT	NT	NT	NT	NT	E	G	P	NR	47	2	E	E	E	E	G	228	4	E	E	E	E	G	228	4																
77. Ethoxytriglycol	112-50-5	E	E	E	E	>480	6	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	E	>480	6	E	E	E	E	E	>480	6																
78. Ethyl Acetate	141-78-6	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	E	F	P	P	30	2	E	G	G	F	24	1	E	G	G	F	24	1																		
79. Ethyl Benzene	100-41-4	NR	NR	NR	NR	2	0	NR	NR	NR	NR	NR	0	E	G	G	NR	43	2	G	F	P	NR	31	2	G	F	P	NR	31	2																		
80. Ethyl Butanol	97-95-0	G	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																		
81. Ethyl Ether	60-29-7	G	G	G	G	2	0	G	G	G	G	2	0	E	E	E	G	33	2	E	G	G	G	12	1	E	G	G	G	12	1																		
82. Ethylene Glycol	107-21-1	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																		
83. Ethylene Glycol Ether	110-80-5	P	NR	NR	NR	NR	0	P	NR	NR	NR	NR	0	E	G	P	NR	47	2	E	E	E	E	G	228	4	E	E	E	E	G	228	4																
84. Ethylene Glycol Monobutyl Ether	111-76-2	E	E	E	E	>480	6	NT	NT	NT	NT	NT	NT	E	E	E	G	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																		
85. Ethylene Glycol Monohexyl Ether	112-25-4	E	E	E	E	82	3	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																		
86. Ethylene Glycol Monopropyl Ether	2807-30-9	E	E	E	E	25	1	NT	NT	NT	NT	NT	NT	E	E	E	F	391	5	E	E	E	E	>480	6	E	E	E	E	>480	6																		
87. Ethylene Oxide (gas)	75-21-8	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	E	E	E	E	17	2	E	E	E	E	21	1	E	E	E	E	21	1																		
88. Formaldehyde 37%	50-00-0	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																		
89. Formic Acid 90%	64-18-6	G	NR	NR	NR	NR	0	G	NR	NR	NR	NR	0	G	P	NR	NR	75	3	E	E	E	E	>480	6	E	E	E	E	>480	6																		
90. Freon 113	76-13-1	E	G	P	P	12	1	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																		
91. Furfural	98-01-0	P	NR	NR	NR	NR	0	P	NR	NR	NR	NR	0	F	NR	NR	NR	NR	0	E	E	E	E	G	165	4	E	E	E	E	G	165	4																
92. Gasoline (unleaded)	8006-61-9	E	G	P	NR	NR	0	E	G	P	NR	NR	0	E	E	E	E	>480	6	E	E	E	E	F	46	2	E	E	E	E	F	46	2																
93. Glutaraldehyde 50%	111-30-8	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																		
94. Glyphosate Roundup	1071-83-6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	10	1	E	E	E	E	10	1																		
95. Heptane	142-82-5	E	E	E	E	>480	6	E	E	E	E	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																		
96. Hexane	110-54-3	E	E	E	E	20	1	E	E	E	E	11	1	E	E	E	E	>480	6	E	E	E	E	173	4	E	E	E	E	173	4																		
97. Hexene	592-41-6	G	F	NR	NR	NR	0	G	F	NR	NR	NR	0	E	E	E	E	>480	6	E	E	E	E	F	47	2	E	E	E	E	F	47	2																
98. Hexyl Carbitol Solvent	112-59-4	E	E	E	E	>480	6	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																		
99. Hexyl Cellosolve Solvent	112-25-4	E	E	E	E	>480	6	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																		
100. Hydrazine Hydrate 85%	302-01-2	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																		



CHEMICAL	CAS Number	N-DEX Plus 8005 Nitrile Gloves						N-DEX Original 7005 Nitrile Gloves						Nitri-Solve 727 Nitrile Gloves						Neoprene 6780 Gloves																													
		Chemical Resistance												Chemical Resistance												Chemical Resistance												Chemical Resistance											
		Degradation Rating				BTT	EN 374	Degradation Rating				BTT	EN 374	Degradation Rating				BTT	EN 374	Degradation Rating				BTT	EN 374																								
		Time in Minutes				Time in Minutes	Level	Time in Minutes				Time in Minutes	Level	Time in Minutes				Time in Minutes	Level	Time in Minutes				Time in Minutes	Level																								
		5	30	60	240	Minutes	(0-6)	5	30	60	240	Minutes	(0-6)	5	30	60	240	Minutes	(0-6)	5	30	60	240	Minutes	(0-6)																								
101. Hydrochloric Acid 10%	7647-01-0	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																								
102. Hydrochloric Acid 37%	7647-01-0	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																								
103. Hydrofluoric Acid 48%	7664-39-3	E	G	P	NR	45	2	E	G	P	NR	30	2	E	E	E	P	60	3	E	E	E	E	>480	6																								
104. Hydrogen Chloride (gas)	7647-01-0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT																								
105. Hydrogen Fluoride (gas)	7664-39-3	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT																								
106. Hydrogen Peroxide 30%	7722-84-1	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																								
107. Iodomethane	74-88-4	E	F	NR	NR	NR	0	E	F	NR	NR	NR	0	F	NR	NR	NR	NR	NR	0	P	NR	NR	NR	NR	0																							
108. Isoamyl Acetate	123-92-2	G	F	P	NR	3	0	NR	NR	NR	NR	NR	NR	E	E	E	G	227	4	E	G	G	P	71	3																								
109. Isoamyl Alcohol	123-51-3	G	F	F	P	5	0	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6																								
110. Isobutanol	78-83-1	E	F	P	P	NR	0	E	F	P	P	32	2	E	E	E	E	>480	6	E	E	E	E	>480	6																								
111. IsoOctane	540-84-1	E	E	E	G	389	5	E	E	E	G	120	4	E	E	E	E	>480	6	E	E	E	E	>480	6																								
112. Isopropanol	67-63-0	E	E	E	F	11	1	E	E	E	E	15	1	E	E	E	E	>480	6	E	E	E	E	>480	6																								
113. Kerosene	8008-20-6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																								
114. KOH 45%	1310-58-3	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																								
115. Lacquer Thinner RK22	Mixture	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	E	E	E	P	217	4	E	G	G	F	46	2																								
116. Lacquer Thinner EZ Brand	Mixture	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	G	P	NR	NR	NR	NR	0	E	G	F	P	22	1																							
117. Lac. Thinner Acme #305	Mixture	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	E	NR	NR	NR	NR	NR	0	G	F	P	NR	NR	0																							
118. Lac. Thinner Acme #887	Mixture	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	G	G	F	P	52	2	E	G	F	P	21	1																								
119. Limonene, DL-	5989-27-5	E	G	F	F	31	2	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	G	F	130	4																								
120. Methanol	67-56-1	E	G	G	F	7	0	E	G	G	F	NR	0	E	E	G	G	28	1	E	E	E	E	226	4																								
121. Methoxytriglycol	112-35-6	E	E	E	E	>480	6	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6																								
122. Methyl Acetate	79-20-9	E	E	P	P	3	0	NT	NT	NT	NT	NT	NT	G	NR	NR	NR	NR	0	E	E	G	G	20	1																								
123. Methylanine 40%	74-89-5	E	E	E	G	>480	6	E	E	E	G	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6																								
124. Methyl Carbitol Solvent	111-77-3	E	E	E	E	>480	6	NT	NT	NT	NT	NT	NT	E	E	G	F	>480	6	E	E	E	E	>480	6																								
125. Methyl Cellosolve	110-80-5	P	NR	NR	NR	NR	0	NT	NT	NT	NT	NT	NT	E	G	P	NR	47	2	E	E	E	G	>480	6																								
126. Methyl Chloride (gas)	74-87-3	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	84	3																								
127. Methyl Chloroform	71-55-6	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	E	E	G	NR	49	2	E	F	P	NR	51	2																								
128. Methylene Chloride	75-09-2	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	4	0	G	NR	NR	NR	7	0																								
129. Methylenedianiline, 4,4-	101-77-9	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	G	NR	NR	NR	NR	0	E	E	E	E	>480	6																								
130. Methyl Ethyl Ketone	78-93-3	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	E	G	G	F	30	2																								
131. Methyl Iodide	74-88-4	E	F	NR	NR	NR	0	NT	NT	NT	NT	NT	NT	F	NR	NR	NR	NR	0	P	NR	NR	NR	NR	0																								
132. Methyl Isobutyl Ketone	108-10-1	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	E	G	P	NR	NR	0	E	E	G	F	41	2																								
133. Methyl Methacrylate	80-62-6	NR	NR	NR	NR	9	0	NR	NR	NR	NR	9	0	E	F	P	NR	NR	0	E	G	F	P	27	1																								
134. Methyl Propasol Solvent	107-98-2	E	E	E	E	>480	6	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6																								
135. Methyl Pyrrolidone, N-	872-50-4	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	E	E	E	E	34	2	E	E	E	G	>480	6																								
136. Methyl-tert-Butyl Ether	1634-04-4	G	P	P	P	NR	0	G	P	P	P	NR	0	E	E	E	E	211	4	E	E	G	P	48	2																								

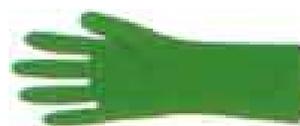


CHEMICAL	CAS Number	Neoprene Chloroflex 723 Gloves					
		Chemical Resistance					
		Degradation Rating				BTT	EN 374
		Time in Minutes				Time in Minutes	Level (0-6)
		5	30	60	240		
101. Hydrochloric Acid 10%	7647-01-0	E	E	E	E	>480	6
102. Hydrochloric Acid 37%	7647-01-0	E	E	E	E	>480	6
103. Hydrofluoric Acid 48%	7664-39-3	NT	NT	NT	NT	180	4
104. Hydrogen Chloride (gas)	7647-01-0	NT	NT	NT	NT	NT	NT
105. Hydrogen Fluoride (gas)	7664-39-3	NT	NT	NT	NT	NT	NT
106. Hydrogen Peroxide 30%	7722-84-1	E	E	E	E	>480	6
107. Iodomethane	74-88-4	NT	NT	NT	NT	NT	NT
108. Isoamyl Acetate	123-92-2	E	G	F	NR	NR	0
109. Isoamyl Alcohol	123-51-3	E	E	E	E	258	5
110. Isobutanol	78-83-1	E	E	E	E	>480	6
111. IsoOctane	540-84-1	E	E	E	E	122	4
112. Isopropanol	67-63-0	E	E	E	E	>480	6
113. Kerosene	8008-20-6	E	E	E	E	>480	6
114. KOH 45%	1310-58-3	E	E	E	E	>480	6
115. Lacquer Thinner RK22	Mixture	NT	NT	NT	NT	NT	NT
116. Lacquer Thinner EZ Brand	Mixture	NT	NT	NT	NT	NT	NT
117. Lac. Thinner Acme #305	Mixture	NT	NT	NT	NT	NT	NT
118. Lac. Thinner Acme #887	Mixture	NT	NT	NT	NT	NT	NT
119. Limonene, DL-	5989-27-5	NT	NT	NT	NT	NT	NT
120. Methanol	67-56-1	E	E	E	E	55	2
121. Methoxytriglycol	112-35-6	E	E	E	E	>480	6
122. Methyl Acetate	79-20-9	E	G	G	G	9	0
123. Methylamine 40%	74-89-5	NT	NT	NT	NT	NT	NT
124. Methyl Carbitol Solvent	111-77-3	NT	NT	NT	NT	NT	NT
125. Methyl Cellosolve	110-80-5	NT	NT	NT	NT	NT	NT
126. Methyl Chloride (gas)	74-87-3	NT	NT	NT	NT	NT	NT
127. Methyl Chloroform	71-55-6	NT	NT	NT	NT	NT	NT
128. Methylene Chloride	75-09-2	P	NR	NR	NR	NR	0
129. Methylenedianiline, 4,4-	101-77-9	NT	NT	NT	NT	NT	NT
130. Methyl Ethyl Ketone	78-93-3	E	G	F	F	14	1
131. Methyl Iodide	74-88-4	F	NR	NR	NR	NR	0
132. Methyl Isobutyl Ketone	108-10-1	E	G	F	F	NR	0
133. Methyl Methacrylate	80-62-6	F	P	P	P	NR	0
134. Methyl Propasol Solvent	107-98-2	E	E	E	E	>480	6
135. Methyl Pyrrolidone, N-	872-50-4	E	E	E	E	>480	6
136. Methyl-tert-Butyl Ether	1634-04-4	G	P	NR	NR	12	1

CHEMICAL	CAS Number	Neoprene Chem Master CHM Gloves					
		Chemical Resistance					
		Degradation Rating				BTT	EN 374
		Time in Minutes				Time in Minutes	Level (0-6)
		5	30	60	240		
101. Hydrochloric Acid 10%	7647-01-0	E	E	E	E	>480	6
102. Hydrochloric Acid 37%	7647-01-0	E	E	E	E	>480	6
103. Hydrofluoric Acid 48%	7664-39-3	NT	NT	NT	NT	NT	NT
104. Hydrogen Chloride (gas)	7647-01-0	NT	NT	NT	NT	NT	NT
105. Hydrogen Fluoride (gas)	7664-39-3	NT	NT	NT	NT	NT	NT
106. Hydrogen Peroxide 30%	7722-84-1	E	E	E	E	>480	6
107. Iodomethane	74-88-4	NR	NR	NR	NR	NR	0
108. Isoamyl Acetate	123-92-2	G	P	NR	NR	NR	0
109. Isoamyl Alcohol	123-51-3	E	E	E	E	120	4
110. Isobutanol	78-83-1	E	E	E	E	117	3
111. IsoOctane	540-84-1	E	E	E	E	151	4
112. Isopropanol	67-63-0	E	E	E	E	111	3
113. Kerosene	8008-20-6	E	E	G	G	87	3
114. KOH 45%	1310-58-3	E	E	E	E	>480	6
115. Lacquer Thinner RK22	Mixture	NT	NT	NT	NT	NT	NT
116. Lacquer Thinner EZ Brand	Mixture	NT	NT	NT	NT	NT	NT
117. Lac. Thinner Acme #305	Mixture	NT	NT	NT	NT	NT	NT
118. Lac. Thinner Acme #887	Mixture	NT	NT	NT	NT	NT	NT
119. Limonene, DL-	5989-27-5	G	P	NR	NR	NR	0
120. Methanol	67-56-1	E	P	NR	NR	34	2
121. Methoxytriglycol	112-35-6	E	E	E	E	>480	6
122. Methyl Acetate	79-20-9	G	G	G	G	8	0
123. Methylamine 40%	74-89-5	E	E	E	E	>480	6
124. Methyl Carbitol Solvent	111-77-3	E	E	E	E	>480	6
125. Methyl Cellosolve	110-80-5	E	G	G	F	31	2
126. Methyl Chloride (gas)	74-87-3	NT	NT	NT	NT	NT	NT
127. Methyl Chloroform	71-55-6	P	NR	NR	NR	NR	0
128. Methylene Chloride	75-09-2	P	NR	NR	NR	NR	0
129. Methylenedianiline, 4,4-	101-77-9	NR	NR	NR	NR	NR	0
130. Methyl Ethyl Ketone	78-93-3	G	G	F	F	11	1
131. Methyl Iodide	74-88-4	NR	NR	NR	NR	NR	0
132. Methyl Isobutyl Ketone	108-10-1	E	E	P	P	NR	0
133. Methyl Methacrylate	80-62-6	G	P	NR	NR	NR	0
134. Methyl Propasol Solvent	107-98-2	NT	NT	NT	NT	NT	NT
135. Methyl Pyrrolidone, N-	872-50-4	NT	NT	NT	NT	NT	NT
136. Methyl-tert-Butyl Ether	1634-04-4	E	F	P	P	NR	0

CHEMICAL	CAS Number	Best Butyl 878 Gloves					
		Chemical Resistance					
		Degradation Rating				BTT	EN 374
		Time in Minutes				Time in Minutes	Level (0-6)
		5	30	60	240		
101. Hydrochloric Acid 10%	7647-01-0	E	E	E	E	>480	6
102. Hydrochloric Acid 37%	7647-01-0	E	E	E	E	>480	6
103. Hydrofluoric Acid 48%	7664-39-3	E	E	E	E	>480	6
104. Hydrogen Chloride (gas)	7647-01-0	E	E	E	E	>480	6
105. Hydrogen Fluoride (gas)	7664-39-3	E	E	E	E	>480	6
106. Hydrogen Peroxide 30%	7722-84-1	E	E	E	E	>480	6
107. Iodomethane	74-88-4	F	NR	NR	NR	NR	0
108. Isoamyl Acetate	123-92-2	E	E	E	G	153	4
109. Isoamyl Alcohol	123-51-3	E	E	E	E	>480	6
110. Isobutanol	78-83-1	E	E	E	E	>480	6
111. IsoOctane	540-84-1	E	E	G	F	56	2
112. Isopropanol	67-63-0	E	E	E	E	>480	6
113. Kerosene	8008-20-6	E	G	F	NR	94	3
114. KOH 45%	1310-58-3	E	E	E	E	>480	6
115. Lacquer Thinner RK22	Mixture	E	G	F	F	48	2
116. Lacquer Thinner EZ Brand	Mixture	E	G	F	F	30	2
117. Lac. Thinner Acme #305	Mixture	E	G	F	P	26	1
118. Lac. Thinner Acme #887	Mixture	G	P	NR	NR	NR	0
119. Limonene, DL-	5989-27-5	G	P	P	NR	NR	0
120. Methanol	67-56-1	E	E	E	E	>480	6
121. Methoxytriglycol	112-35-6	E	E	E	E	>480	6
122. Methyl Acetate	79-20-9	E	E	E	E	159	4
123. Methylamine 40%	74-89-5	E	E	E	E	>480	6
124. Methyl Carbitol Solvent	111-77-3	E	E	E	E	>480	6
125. Methyl Cellosolve	110-80-5	E	E	E	E	>480	6
126. Methyl Chloride (gas)	74-87-3	E	E	E	E	>480	6
127. Methyl Chloroform	71-55-6	E	P	NR	NR	NR	0
128. Methylene Chloride	75-09-2	E	G	F	F	20	1
129. Methylenedianiline, 4,4-	101-77-9	E	E	E	E	>480	6
130. Methyl Ethyl Ketone	78-93-3	E	E	E	E	202	4
131. Methyl Iodide	74-88-4	F	NR	NR	NR	NR	0
132. Methyl Isobutyl Ketone	108-10-1	E	E	E	E	292	4
133. Methyl Methacrylate	80-62-6	E	E	E	E	63	3
134. Methyl Propasol Solvent	107-98-2	E	E	E	E	>480	6
135. Methyl Pyrrolidone, N-	872-50-4	E	E	E	E	>480	6
136. Methyl-tert-Butyl Ether	1634-04-4	E	G	F	F	38	2

CHEMICAL	CAS Number	Best Viton 890 Gloves					
		Chemical Resistance					
		Degradation Rating				BTT	EN 374
		Time in Minutes				Time in Minutes	Level (0-6)
		5	30	60	240		
101. Hydrochloric Acid 10%	7647-01-0	E	E	E	E	>480	6
102. Hydrochloric Acid 37%	7647-01-0	E	E	E	E	>480	6
103. Hydrofluoric Acid 48%	7664-39-3	E	E	E	E	185	4
104. Hydrogen Chloride (gas)	7647-01-0	E	E	E	E	>480	6
105. Hydrogen Fluoride (gas)	7664-39-3	E	E	E	E	6	0
106. Hydrogen Peroxide 30%	7722-84-1	E	E	E	E	>480	6
107. Iodomethane	74-88-4	E	E	E	E	>480	6
108. Isoamyl Acetate	123-92-2	E	P	NR	NR	NR	0
109. Isoamyl Alcohol	123-51-3	E	E	E	E	>480	6
110. Isobutanol	78-83-1	E	E	E	E	>480	6
111. IsoOctane	540-84-1	E	E	E	E	>480	6
112. Isopropanol	67-63-0	E	E	E	E	>480	6
113. Kerosene	8008-20-6	E	E	E	E	>480	6
114. KOH 45%	1310-58-3	E	E	E	E	>480	6
115. Lacquer Thinner RK22	Mixture	E	E	E	G	173	4
116. Lacquer Thinner EZ Brand	Mixture	E	F	P	P	NR	0
117. Lac. Thinner Acme #305	Mixture	E	G	F	F	31	2
118. Lac. Thinner Acme #887	Mixture	E	E	E	E	>480	6
119. Limonene, DL-	5989-27-5	E	E	E	E	>480	6
120. Methanol	67-56-1	E	E	E	E	>480	6
121. Methoxytriglycol	112-35-6	E	E	E	G	>480	6
122. Methyl Acetate	79-20-9	F	NR	NR	NR	NR	0
123. Methylamine 40%	74-89-5	E	E	E	E	>480	6
124. Methyl Carbitol Solvent	111-77-3	E	E	E	E	>480	6
125. Methyl Cellosolve	110-80-5	E	G	F	NR	NR	0
126. Methyl Chloride (gas)	74-87-3	E	E	E	E	>480	6
127. Methyl Chloroform	71-55-6	E	E	E	E	>480	6
128. Methylene Chloride	75-09-2	E	E	E	E	113	3
129. Methylenedianiline, 4,4-	101-77-9	E	E	E	E	>480	6
130. Methyl Ethyl Ketone	78-93-3	G	NR	NR	NR	NR	0
131. Methyl Iodide	74-88-4	E	E	E	E	>480	6
132. Methyl Isobutyl Ketone	108-10-1	E	P	NR	NR	NR	0
133. Methyl Methacrylate	80-62-6	E	P	NR	NR	NR	0
134. Methyl Propasol Solvent	107-98-2	E	E	E	F	165	4
135. Methyl Pyrrolidone, N-	872-50-4	E	G	F	NR	NR	0
136. Methyl-tert-Butyl Ether	1634-04-4	E	G	F	P	NR	0



CHEMICAL	CAS Number	N-DEX Plus 8005 Nitrile Gloves							N-DEX Original 7005 Nitrile Gloves						Nitri-Solve 727 Nitrile Gloves						Neoprene 6780 Gloves											
		Chemical Resistance																														
		Degradation Rating				BTT		EN 374	Degradation Rating				BTT		EN 374	Degradation Rating				BTT		EN 374	Degradation Rating				BTT		EN 374			
		Time in Minutes				Time in Minutes		Level	Time in Minutes				Time in Minutes		Level	Time in Minutes				Time in Minutes		Level	Time in Minutes				Time in Minutes		Level			
		5	30	60	240	Minutes	(0-6)	5	30	60	240	Minutes	(0-6)	5	30	60	240	Minutes	(0-6)	5	30	60	240	Minutes	(0-6)	5	30	60	240	Minutes	(0-6)	
137	Mineral Spirits	64475-85-0	E	E	G	F	69	3	E	E	G	F	69	3	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6
138	Morpholine	110-91-8	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	NR	E	P	NR	NR	NR	0	E	E	G	F	91	3	E	E	G	F	91	3
139	Muriatic Acid	7647-01-0	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6
140	Naphtha (Petroleum)	8032-32-4	E	E	E	E	39	2	E	E	E	E	6	0	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	99	3
141	Naphtha, VM&P	64475-85-0	E	E	G	F	69	3	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6
142	Nitric Acid 23%	7697-37-2	E	E	E	E	>480	6	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6
143	Nitric Acid 70%	7697-37-2	G	P	NR	NR	NR	0	G	P	NR	NR	NR	0	E	P	NR	NR	NR	0	E	E	E	E	>480	6	E	E	E	E	>480	6
144	Nitrobenzene	98-95-3	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	E	P	NR	NR	52	2	E	F	F	NR	16	1	E	F	F	NR	16	1
145	Nitromethane	75-52-5	F	P	P	P	3	0	F	P	P	P	NR	0	G	P	NR	NR	NR	0	E	E	E	E	128	4	E	E	E	E	128	4
146	Nitropropane, 2-	79-46-9	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	G	P	NR	NR	NR	0	E	E	G	G	98	3	E	E	G	G	98	3
147	Octanol, n-	111-87-5	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6
148	Oleic Acid 98%	112-80-1	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6
149	Olive Oil	8001-25-0	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6
150	PCBs 50% (Aroclor 1254/TCB)	11097-69-1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	E	E	E	G	>480	6	E	G	F	P	199	4	E	G	F	P	199	4
151	Pentachlorophenol	87-86-5	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6
152	Pentane	109-66-0	E	E	E	E	21	1	E	E	E	E	4	0	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	84	3
153	2-Pentanone	108-10-1	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	E	G	P	NR	23	1	E	E	G	F	41	1	E	E	G	F	41	1
154	Perchloroethylene	127-18-4	F	NR	NR	NR	9	0	F	NR	NR	NR	6	0	E	E	E	G	>480	6	G	P	NR	NR	40	1	E	E	G	F	40	1
155	Petroleum Ether	8032-32-4	E	E	E	E	39	2	E	E	E	E	6	0	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	99	3
156	Phthalic Acid Dibutyl Ester	84-74-2	G	F	P	NR	NR	0	G	F	P	NR	NR	0	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6
157	Phenol	108-95-2	NR	NR	NR	NR	8	0	NR	NR	NR	NR	8	0	F	NR	NR	NR	NR	0	E	E	E	E	72	3	E	E	E	E	72	3
158	Phosphoric Acid 85%	7664-38-2	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6
159	Potassium Hydroxide 45%	1310-58-3	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6
160	2-Propanol	67-63-0	E	E	E	E	37	2	E	E	E	E	15	1	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6
161	n-Propanol	71-23-8	NT	NT	NT	NT	NT	NT	G	F	P	P	7	0	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6
162	Propetamphos (50% in ROH)	31218-83-4	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6
163	Propoxy Diethylene Glycol	6881-94-3	E	E	E	E	>480	6	NT	NT	NT	NT	NT	NT	E	E	E	G	188	4	E	E	E	E	>480	6	E	E	E	E	>480	6
164	Propoxypropanol	1569-01-3	E	E	E	E	>480	6	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6
165	Propyl Acetate	109-60-4	E	G	F	P	7	0	NT	NT	NT	NT	NT	NT	E	F	P	NR	NR	0	E	G	F	P	39	2	E	G	F	P	39	2
166	Propyl Carbitol Solvent	6881-94-3	E	E	E	E	>480	6	NT	NT	NT	NT	NT	NT	E	E	E	G	188	4	E	E	E	E	>480	6	E	E	E	E	>480	6
167	n-Propyl Cellosolve	2807-30-9	E	E	E	E	25	1	NT	NT	NT	NT	NT	NT	E	E	E	E	391	5	E	E	E	E	>480	6	E	E	E	E	>480	6
168	Propyl Cellosolve Solvent	2807-30-9	E	E	E	E	25	1	NT	NT	NT	NT	NT	NT	E	E	E	E	391	5	E	E	E	E	>480	6	E	E	E	E	>480	6
169	Propyl Dipropasol Solvent	1569-01-3	E	E	E	E	>480	6	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6
170	Propylene Glycol Monobutyl Ether	5131-66-8	E	E	E	E	>480	6	NT	NT	NT	NT	NT	NT	E	E	E	E	90	3	E	E	E	E	>480	6	E	E	E	E	>480	6

Degradation Ratings were measured gravimetrically using weight change as an indicator of degradation. Glove material was totally immersed in chemical. The weight was measured at 0, 5, 30, 60 and 240 minutes

NR	Not Recommended Severe Degradation
P	Poor Choice
F	Fair
G	Good
E	Excellent

Permeation Breakthrough Time in minutes gives the time from initial exposure until chemical first breaks through the glove material and is detected by the Analytical test method detector. EN 374 test method for Protective gloves against chemicals and micr

0	< 10 minutes	5	≥ 240 minutes
1	≥ 10 minutes	6	≥ 480 minutes
2	≥ 30 minutes		
3	≥ 60 minutes		
4	≥ 120 minutes		



CHEMICAL	CAS Number	Neoprene Chlorflex 723 Gloves						Neoprene ChemMaster CHM Gloves						Best Butyl 878 Gloves						Best Viton 890 Gloves													
		Chemical Resistance								Chemical Resistance								Chemical Resistance								Chemical Resistance							
		Degradation Rating				BTT Time in Minutes	EN374 Level (0-6)	Degradation Rating				BTT Time in Minutes	EN374 Level (0-6)	Degradation Rating				BTT Time in Minutes	EN374 Level (0-6)	Degradation Rating				BTT Time in Minutes	EN374 Level (0-6)								
		5	30	60	240			5	30	60	240			5	30	60	240			5	30	60	240										
137. Mineral Spirits	64475-85-0	NT	NT	NT	NT	NT	NT	E	E	E	E	88	3	E	E	G	P	77	3	E	E	E	E	>480	6								
138. Morpholine	110-91-8	NR	NR	NR	NR	52	2	NT	NT	NT	NT	50	2	E	E	E	E	>480	6	E	E	G	F	234	4								
139. Muriatic Acid	7647-01-0	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6								
140. Naphtha (Petroleum)	8032-32-4	E	E	E	E	16	1	E	E	E	E	20	1	G	F	F	P	15	1	E	E	E	E	>480	6								
141. Naphtha, VM&P	64475-85-0	NT	NT	NT	NT	NT	NT	E	E	E	E	88	3	E	G	F	NR	77	3	E	E	E	E	>480	6								
142. Nitric Acid 23%	7697-37-2	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6								
143. Nitric Acid 70%	7697-37-2	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6								
144. Nitrobenzene	98-95-3	E	G	F	NR	NR	0	G	F	P	NR	NR	0	E	E	E	E	>480	6	E	E	E	E	>480	6								
145. Nitromethane	75-52-5	E	E	E	E	29	1	E	E	E	E	29	1	E	E	E	E	>480	6	E	E	E	E	>480	6								
146. Nitropropane, 2-	79-46-9	E	E	E	E	20	1	E	E	E	G	27	1	E	E	E	E	>480	6	E	E	E	E	>480	6								
147. Octanol, n-	112-87-5	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6								
148. Oleic Acid 98%	112-80-1	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6								
149. Olive Oil	8001-25-0	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6								
150. PCBs 50%(Aroclor 1254/TCB)	11097-69-1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	E	E	E	G	>480	6	E	E	E	E	>480	6								
151. Pentachlorophenol	87-86-5	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	E	G	F	NR	NR	0	E	E	E	E	>480	6								
152. Pentane	109-66-0	E	E	E	E	33	2	E	E	E	E	7	0	G	F	F	P	12	1	E	E	E	E	>480	6								
153. 2-Pentanone	108-10-1	E	G	F	F	NR	0	E	E	P	P	NR	0	E	E	E	E	292	5	E	P	P	NR	NR	0								
154. Perchloroethylene	127-18-4	F	NR	NR	NR	NR	0	P	NR	NR	NR	NR	0	F	P	NR	NR	28	1	E	E	E	E	>480	6								
155. Petroleum Ether	8032-32-4	E	E	E	E	16	1	E	E	E	G	20	1	G	F	F	P	15	1	E	E	E	E	>480	6								
156. Phthalic Acid Dibutyl Ester	84-74-2	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6								
157. Phenol	108-95-2	NT	NT	NT	NT	19	1	NT	NT	NT	NT	19	1	E	E	E	E	>480	6	E	E	E	E	>480	6								
158. Phosphoric Acid 85%	7664-38-2	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6								
159. Potassium Hydroxide 45%	1310-58-3	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6								
160. 2-Propanol	67-63-0	E	E	E	E	>480	6	E	E	E	E	111	3	E	E	E	E	>480	6	E	E	E	E	>480	6								
161. n-Propanol	71-23-8	E	E	E	E	310	5	E	E	E	E	111	3	E	E	E	E	>480	6	E	E	E	E	>480	6								
162. Propetamphos (50% in ROH)	31218-83-4	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6								
163. Propoxy Diethylene Glycol	6881-94-3	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6								
164. Propoxypropanol	1569-01-3	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6								
165. Propyl Acetate	109-60-4	E	F	F	F	NR	0	G	F	P	P	NR	0	E	E	E	E	20	1	G	P	NR	NR	NR	0								
166. Propyl Carbitol Solvent	6881-94-3	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6								
167. n-Propyl Cellosolve	2807-30-9	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	256	5	E	E	E	E	>480	6								
168. Propyl Cellosolve Solvent	2807-30-9	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	256	5	E	E	E	E	>480	6								
169. Propyl Dipropasol Solvent	1569-01-3	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6								
170. Propylene Glycol Monobutyl Ether	5131-66-8	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6								

Degradation Ratings were measured gravimetrically using weight change as an indicator of degradation. Glove material was totally immersed in chemical. The weight was measured at 0, 5, 30, 60 and 240 minutes

NR	Not Recommended Severe Degradation
P	Poor Choice
F	Fair
G	Good
E	Excellent

Permeation Breakthrough Time in minutes gives the time from initial exposure until chemical first breaks through the glove material and is detected by the Analytical test method detector. EN 374 test method for Protective gloves against chemicals and micro-organisms is used with rating system

0 =< 10 minutes
 1 => 10 minutes
 2 => 30 minutes
 3 => 60 minutes
 4 => 120 minutes
 5 => 240 minutes
 6 => 480 minutes



CHEMICAL	CAS Number	N-DEX Plus 8005 Nitrile Gloves						N-DEX Original 7005 Nitrile Gloves						Nitri-Solve 727 Nitrile Gloves						Neoprene 6780 Gloves																													
		Chemical Resistance												Chemical Resistance												Chemical Resistance												Chemical Resistance											
		Degradation Rating				BTT Time in Minutes	EN 374 Level (0-6)	Degradation Rating				BTT Time in Minutes	EN 374 Level (0-6)	Degradation Rating				BTT Time in Minutes	EN 374 Level (0-6)	Degradation Rating				BTT Time in Minutes	EN 374 Level (0-6)																								
		5	30	60	240			5	30	60	240			5	30	60	240			5	30	60	240																										
171. Propylene Glycol Monomethyl Ether	107-98-2	E	E	E	E	>480	6	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	P	>480	6																								
172. Propylene Glycol Monopropyl Ether	1569-01-3	E	E	E	E	>480	6	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6																								
173. Propylene Oxide	75-56-9	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	G	G	F	F	11	1																								
174. Propyl Proposol Solvent	1569-01-3	E	E	E	E	>480	6	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6																								
175. Pyridine	7291-22-7	P	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	P	NR	NR	NR	NR	0	E	F	P	P	NR	0																								
176. Refrigerant 123A	306-83-2	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	F	NR	NR	NR	NR	0	E	E	E	E	73	3																								
177. Refrigerant 141B	1717-00-6	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	E	E	G	P	34	2	E	G	F	F	68	3																								
178. Rubber Solvent	8032-32-4	E	E	E	E	39	2	E	E	E	E	6	0	E	E	E	E	>480	6	E	E	E	E	99	3																								
179. Saftrotin (50% in ROH)	31218-83-4	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6																								
180. Sodium Hydroxide 50%	1310-73-2	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																								
181. Sodium Hypochlorite 4-6%	7881-52-9	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																								
182. Stoddard Solvent	8052-41-3	E	E	E	E	>480	6	E	E	E	E	126	4	E	E	E	E	>480	6	E	E	E	E	>480	6																								
183. Styrene	100-42-5	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	G	P	NR	NR	NR	0	G	P	NR	NR	NR	0																								
184. Sulfuric Acid 47%	7664-93-9	E	E	E	E	>480	6	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6																								
185. Sulfuric Acid 97%	7664-93-9	G	P	NR	NR	NR	0	G	P	NR	NR	NR	0	E	G	F	NR	180	4	E	E	E	E	>480	6																								
186. Tetrachloroethylene	127-18-4	E	E	E	E	9	0	NT	NT	NT	NT	NT	NT	E	E	E	G	>480	6	G	P	NR	NR	40	2																								
187. Tetrahydrofuran	109-99-9	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	E	NR	NR	NR	NR	0	E	F	P	NR	13	1																								
188. Toluene	108-88-3	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	E	F	P	NR	26	1	G	F	P	NR	NR	0																								
189. Toluene Di-isocyanate	584-84-9	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	E	E	G	P	299	5	E	E	E	G	201	4																								
190. o-Toluidine	95-53-4	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	E	P	NR	NR	NR	0	E	E	G	F	173	4																								
191. 1,2,4-Trichlorobenzene	120-82-1	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	E	E	G	NR	100	3	E	F	P	NR	NR	0																								
192. 1,1,1-Trichloroethane	71-55-6	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	E	E	G	NR	49	2	E	F	P	NR	51	2																								
193. Trichloroethylene	79-01-6	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	G	P	NR	NR	12	1	G	NR	NR	NR	9	0																								
194. Trichlorotrifluoroethane	76-13-1	E	G	P	P	12	1	NR	NR	NR	NR	NR	0	E	E	E	E	>480	6	E	E	E	E	>480	6																								
195. Tricresyl Phosphate	1330-78-5	E	E	G	P	>480	6	E	E	G	P	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																								
196. Triethanolamine	120-71-6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																								
197. Turpentine	8006-64-2	E	E	E	G	>480	6	E	E	E	G	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																								
198. Vegetable Oil	8001-30-7	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6																								
199. Vinyl Benzene	100-42-5	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	G	P	NR	NR	NR	0	G	P	NR	NR	NR	0																								
200. Vinyl Chloride (gas)	75-01-4	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	7	0																								
201. Vinylidene Chloride	75-35-4	P	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	G	NR	NR	NR	NR	0	F	P	NR	NR	NR	0																								
202. Vinyl Styrene	1321-74-0	G	P	NR	NR	NR	0	NR	NR	NR	NR	NR	0	E	E	G	NR	165	4	E	F	P	NR	NR	0																								
203. Xylene	1330-20-7	NR	NR	NR	NR	5	0	NR	NR	NR	NR	NR	0	E	G	F	NR	NR	0	G	P	P	NR	NR	0																								
204. Xylol	Mixture	NR	NR	NR	NR	5	0	NR	NR	NR	NR	NR	0	E	G	F	NR	NR	0	G	P	P	NR	NR	0																								



CHEMICAL	CAS Number	Neoprene Chloroflex 723 Gloves						Neoprene Chem Master CHM Gloves						Best Butyl 878 Gloves						Best Viton 890 Gloves													
		Chemical Resistance								Chemical Resistance								Chemical Resistance								Chemical Resistance							
		Degradation Rating				BTT Time in Minutes	EN 374 Level (0-6)	Degradation Rating				BTT Time in Minutes	EN 374 Level (0-6)	Degradation Rating				BTT Time in Minutes	EN 374 Level (0-6)	Degradation Rating				BTT Time in Minutes	EN 374 Level (0-6)								
		5	30	60	240			5	30	60	240			5	30	60	240			5	30	60	240										
171 . Propylene Glycol Monomethyl Ether	107-98-2	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	F	165	4								
172 . Propylene Glycol Monopropyl Ether	1569-01-3	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6								
173 . Propylene Oxide	75-56-9	E	F	F	F	32	2	G	F	F	P	6	0	E	E	E	E	8	0	G	NR	NR	NR	NR	0								
174 . Propyl Propasol Solvent	1569-01-3	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6								
175 . Pyridine	7291-22-7	E	G	F	F	NR	0	G	P	P	P	NR	0	E	E	E	E	50	2	E	G	G	P	133	4								
176 . Refrigerant 123A	306-83-2	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	E	E	G	G	42	2	E	G	G	F	80	3								
177 . Refrigerant 141B	1717-00-6	G	F	P	P	NR	0	G	P	P	NR	NR	0	E	F	P	P	NR	0	E	E	E	G	21	1								
178 . Rubber Solvent	8032-32-4	NT	NT	NT	NT	NT	NT	E	E	E	G	20	1	G	F	F	P	15	1	E	E	E	E	>480	6								
179 . Saffrotin (50% in ROH)	31218-83-4	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6								
180 . Sodium Hydroxide 50%	1310-73-2	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6								
181 . Sodium Hypochlorite 4-6%	7881-52-9	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6								
182 . Stoddard Solvent	8052-41-3	E	E	E	E	114	3	E	E	E	E	111	3	E	G	F	NR	77	3	E	E	E	E	>480	6								
183 . Styrene	100-42-5	G	NR	NR	NR	NR	0	F	NR	NR	NR	NR	0	E	G	F	P	26	1	E	E	E	E	>480	6								
184 . Sulfuric Acid 47%	7664-93-9	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6								
185 . Sulfuric Acid 97%	7664-93-9	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6								
186 . Tetrachloroethylene	127-18-4	P	NR	NR	NR	NR	0	P	NR	NR	NR	NR	0	F	P	NR	NR	28	1	E	E	E	E	>480	6								
187 . Tetrahydrofuran	109-99-9	F	NR	NR	NR	NR	0	P	NR	NR	NR	NR	0	G	F	P	P	24	1	E	F	NR	NR	NR	0								
188 . Toluene	108-88-3	G	P	NR	NR	NR	0	P	NR	NR	NR	NR	0	G	P	NR	NR	21	1	E	E	E	E	>480	6								
189 . Toluene Di-isocyanate	584-84-9	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6								
190 . o-Toluidine	95-53-4	E	G	F	P	>480	6	NT	NT	NT	NT	NT	NT	E	E	E	E	>480	6	E	E	E	E	>480	6								
191 . 1,2,4-Trichlorobenzene	120-82-1	F	NR	NR	NR	NR	0	F	NR	NR	NR	NR	0	E	F	P	NR	NR	0	E	E	E	E	>480	6								
192 . 1,1,1-Trichloroethane	71-55-6	P	NR	NR	NR	NR	0	P	NR	NR	NR	NR	0	E	P	NR	NR	NR	0	E	E	E	E	>480	6								
193 . Trichloroethylene	79-01-6	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	F	NR	NR	NR	NR	0	E	E	E	E	>480	6								
194 . Trichlorotrifluoroethane	76-13-1	NT	NT	NT	NT	NT	NT	E	E	E	E	70	3	E	E	G	F	>480	6	E	E	E	E	>480	6								
195 . Trioctyl Phosphate	1330-78-5	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6								
196 . Triethanolamine	120-71-6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6								
197 . Turpentine	8006-64-2	NT	NT	NT	NT	43	2	NT	NT	NT	NT	43	2	E	G	F	NR	103	3	E	E	E	E	>480	6								
198 . Vegetable Oil	8001-30-7	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6	E	E	E	E	>480	6								
199 . Vinyl Benzene	100-42-5	NR	NR	NR	NR	NR	0	F	NR	NR	NR	NR	0	E	G	F	P	35	2	E	E	E	E	>480	6								
200 . Vinyl Chloride (gas)	75-01-4	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	E	E	E	E	268	5	E	E	E	E	>480	6								
201 . Vinylidene Chloride	75-35-4	NR	NR	NR	NR	NR	0	NR	NR	NR	NR	NR	0	P	NR	NR	NR	NR	0	E	E	E	E	9	0								
202 . Vinyl Styrene	1321-74-0	NR	NR	NR	NR	NR	0	F	NR	NR	NR	NR	0	E	G	G	P	57	2	E	E	E	E	>480	6								
203 . Xylene	1330-20-7	F	NR	NR	NR	NR	0	G	P	NR	NR	NR	0	E	E	E	E	>480	6	E	E	E	E	>480	6								
204 . Xylol	Mixture	F	NR	NR	NR	NR	0	F	NR	NR	NR	NR	0	G	P	NR	NR	NR	0	E	E	E	E	>480	6								

DISTRIBUTED BY:

Note: Data in this Guide Applies to Best Gloves Only.

In the United States:

Best Glove Inc
579 Edison Street P.O. Box 8
Menlo, GA 30747
Phone: 706-862-2302
Toll Free: 800-241-0323
Fax: 888-393-2666
email: USA@bestglove.com

In Canada:

Best Manufacturing Ltd
253 Michaud Street
Coaticook, Quebec J1A 1A9
Canada
Phone: 800-565-BEST
Fax: 819-849-6120
email: Canada@bestglove.com

In Europe:

Best Manufacturing Europe N.V.
Draaiboomstraat 6 bus 12
2160 Wommelgem
Belgium
Phone: +32 (0)3-458 33 33
Fax: +32(0)3-458 34 57
email: Europe@bestglove.com

In Australasia:

Best Manufacturing Australia Pty. Ltd.
32 Sargents Road
Minchinbury, NSW 2770
Phone: (800) 241-0323
Fax: 888-393-2666

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