Chemical Compatibility Guide for:
Best® Ultraflex™ II Neoprene® Gloves

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One Pork Avenue, Tipton, PA 16684-0304 • 1-800-HOT HOGS® (468-4647) • Fax: 1-800-621-PIGS (7447)
Email: hothogs@newpig.com • Web: newpig.com

Best Ultraflex Neoprene 32 Glove Permeation Test Data

	Degradation Rating Over Time (Minutes)				ASTM F 739 Permeation Resistance to Heavy Exposure			ASTM F1383 Permeation Resistance to Limited Exposure		
	5	30	60	240	Breakthrough Time in Minutes	Rate in $ug/cm^2/min$	EN 374 Rating (0 to 6)	Breakthrough Time in Minutes	Rate in $ug/cm^2/min$	EN 374 Rating (0 to 6)
1. Acetaldehyde	E	E	E	E	0	17	0	11	9	0
2. Acetic Acid 84%	E	E	E	E	>480	ND	6	>240	ND	5
3. Acetone	E	E	E	E	5	102	0	22	9	2
4. Acetonitrile	E	E	E	E	27	16	2	43	1	2
5. Acrylamide 50%	E	E	E	E	>480	ND	6	>240	ND	5
6. Acrylic Adhesive	NT	NT	NT	NT	44	7	2	NT	NT	NT
7. Acrylonitrile	E	E	E	E	27	13	2	59	15	2
8. Aeroshell Grease 22	E	E	E	E	>480	ND	6	>240	ND	5
9. Alkaline Cleaner 3 Part Solution	P	P	P	P	>480	ND	6	>240	ND	5
10. Alkasol 27	E	E	E	E	>480	ND	6	>240	ND	5
11. Alodine 1000 Solution	NT	NT	NT	NT	>480	ND	6	>240	ND	5
12. Alodine 1200S Solution	NT	NT	NT	NT	>480	ND	6	>240	ND	5
13. Alvania Grease 3	E	E	E	E	>480	ND	6	>240	ND	5
14. Ammonia (gas)	E	E	E	E	32	2	2	NT	NT	NA
15. Ammonium Hydroxide 29%	E	E	E	E	180	27	4	180	21	4
16. Amyl Acetate	E	G	F	P	63	114	3	>240	ND	5
17. Amyl Alcohol	E	E	E	E	>480	ND	6	>240	ND	5
18. Anhydrous Ammonia (gas)	E	E	E	E	32	2	2	NT	NT	NA
19. Aniline	E	G	G	P	49	19	2	>240	ND	5
20. Antimony Tributyrate	E	E	E	E	>480	ND	6	>240	ND	5
21. Aqua Regia	E	E	E	E	>480	ND	6	>240	ND	5
22. Barsol Solvent	NT	NT	NT	NT	19	NA	1	NT	NT	NA

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23. Battery Acid	E	E	E	E	>480	ND	6	>240	ND	5
24. Benzaldehyde	E	P	P	NR	NR	NR	0	54	20	2
25. Benzene	G	P	P	P	9	264	0	13	84	1
26. Blasocut 2000 Universal	E	E	E	E	>480	ND	6	>240	ND	5
27.Blasocut 4000 Universal	E	E	E	E	>480	ND	6	>240	ND	5
28. Bromoform	NR	NR	NR	NR	NR	NR	0	33	127	2
29. Butadiene, 1,3- (gas)	E	E	E	E	41	4	2	NT	NT	NT
30. Butanol	E	E	E	E	>480	ND	6	>240	ND	5
31. Butoxyethanol, 2-	E	E	E	G	229	0.1	4	>240	ND	5
32. Butoxypropanol	E	E	E	E	>480	ND	6	>240	ND	5
33. Butoxytriglycol	E	E	E	E	>480	ND	6	>240	ND	5
34. Butyl Acetate	G	P	P	NR	NR	NR	0	28	126	1
35. Butyl Acrylate	E	F	F	P	16	32	1	21	29	1
36. Butyl Carbitol Solvent	E	E	E	E	>480	ND	6	>240	ND	5
37. Butyl Cellosolve Acetate	E	E	E	E	>480	ND	6	>240	ND	5
38. Butyl Cellosolve Solvent	E	E	E	E	229	0.1	4	>240	ND	5
39. Butyl Dipropasol Solvent	E	E	E	E	>480	ND	6	>240	ND	5
40. Butyl Ethylene	E	E	E	F	42	68	2	52	14	2
41. Butyl Propasol Solvent	E	E	E	E	316	0.3	5	>240	ND	5
42. Butylamine	G	P	P	NR	NR	NR	0	NT	NT	NA
43. CA-19 Activator	G	G	G	P	33	115	4	NT	NT	NA
44. Caprinus U Multigrade Railroad	E	E	E	E	>480	ND	6	>240	ND	5
45. Carbitol Acetate	E	E	E	E	>480	ND	6	>240	ND	5
46. Carbolic Acid	G	G	G	G	147	15	4	>240	ND	5
47. Carbon Disulfide	NR	NR	NR	NR	NR	NR	0	NT	NT	NA
48. Carbon Tetrachloride	G	NR	NR	NR	28	292	1	37	90	2
49.Caustic Potash 45%	E	E	E	E	>480	ND	6	>240	ND	5

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50. Caustic Soda 50%	E	E	E	E	>480	ND	6	>240	ND	5
51. Cellosolve Acetate	E	E	G	F	46	34	2	57	30	2
52. Chevron HYJET IV-a Plus	E	E	E	P	NT	NT	NA	NT	NT	NA
53. Chevron Jet Fuel A	E	E	E	E	195	61	4	NT	NT	NA
54. Chlorine (gas)	E	E	E	E	>480	ND	6	>240	ND	5
55. Chlorobenzene	P	NR	NR	NR	NR	NR	0	17	87	1
56. Chloroform	G	NR	NR	NR	4	393	0	15	54	1
57. Chromic Acid 50%	E	E	E	E	>480	ND	6	>240	ND	5
58. Chromium Trioxide	E	E	E	E	>480	ND	6	>240	ND	5
59. Citra-Safe Deodorizer	P	NR	NR	NR	69	171	3	NT	NT	NA
60. Citric Acid 50%	E	E	E	E	>480	ND	6	>240	ND	5
61. Citrus Terpenes Mixture	E	E	E	E	>480	ND	6	>240	ND	5
62. Cresols	E	E	E	E	>480	ND	6	>240	ND	5
63. Cresylic Acid	E	E	E	E	>480	ND	6	>240	ND	5
64. Cumene	P	NR	NR	NR	29	28	1	67	12	3
65. Cyclohexane	E	E	E	G	36	64	2	114	4	3
66. Cyclohexanol	E	E	E	E	>480	ND	6	>240	ND	5
67. Cyclohexanone	E	G	F	NR	61	76	3	76	10	3
68. Daracelan 282	E	E	E	E	>480	ND	6	>240	ND	5
69. Deodorizer 16 Replenisher	E	E	E	E	>480	ND	6	>240	ND	5
70. Desoclean 45	E	E	G	G	26	67	1	NT	NT	NA
71. Dexter Corp 454-4-1	G	G	F	NR	26	67	1	NT	NT	NA
72. Diacetone Alcohol	E	E	E	E	>480	ND	6	>240	ND	5
73. Dibutyl Phthalate	E	E	E	E	>480	ND	6	>240	ND	5
74. Dichloroethane, 1,2-	E	F	P	NR	10	440	0	16	87	1
75. Dichlorofluoroethane	E	G	F	F	21	502	1	NT	NT	NA
76. Dichloromethane	F	P	P	NR	3	162	0	5	108	0

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77. Diesel Fuel	E	E	E	E	>480	ND	6	>240	ND	5
78. Diethanolamine	E	E	E	E	>480	ND	6	>240	ND	5
79. Diethylamine	E	G	G	G	30	32	2	40	24	2
80. Diethylene Glycol monobutyl Ether	E	E	E	E	>480	ND	6	>240	ND	5
81. Diethylene Glycol monohexyl Ether	E	E	E	E	>480	ND	6	>240	ND	5
82.Diethylene Monomethyl ether	E	E	E	E	>480	ND	6	>240	ND	5
83. Diethylene Glycol Monopropyl ether	E	E	E	E	>480	ND	6	>240	ND	5
84. Diethylene Oxide	E	G	G	P	62	112	3	68	50	3
85. Diisobutyl ketone	E	E	E	E	>480	ND	6	>240	ND	5
86. Dimethyl Sulfate	E	E	E	G	15	94	1	30	78	2
87. Dimethyl-2,6-Heptanone	E	E	E	E	>480	ND	6	>240	ND	5
88. Dimethlyacetamide	E	G	G	G	20	46	1	>240	ND	5
89. Dimethylformamide	E	E	G	F	97	22	3	112	22	3
90. Dimethylhydrazine	NT	NT	NT	NT	NT	NT	NA	NT	NT	NA
91. Dimethylsulfoxide	E	E	E	E	>480	ND	6	>240	ND	5
92. Dinitrol AV30	E	E	E	E	>480	ND	6	>240	ND	5
93. Dinitrol AV8	E	E	E	E	>480	ND	6	>240	ND	5
94. Dinitrotoluene, 2,4- (40% in ROH)	E	G	F	P	190	0.15	4	NT	NT	NA
95. Dioxane, 1,4-	E	G	G	P	62	112	3	68	50	3
96.Diphenylene Diisocyanate (MDI)	NT	NT	NT	NT	>480	ND	6	>240	ND	5
97. Dipropasol Glycol Monobutyl ether	E	E	E	E	>480	ND	6	>240	ND	5
98. Dipropylene Glycol Monobutyl ether	E	E	E	E	>480	ND	6	>240	ND	5
99. Dipropylene Glycol Monopropyl ether	E	E	E	E	>480	ND	6	>240	ND	5
100. Divinyl Benzene	E	P	NR	NR	NR	NR	0	103	21	3
101. Donax TG Transmission Fluid	E	E	E	E	>480	ND	6	>240	ND	5
102. Dubl-Check Penetrants HM406	E	E	E	E	>480	ND	6	>240	ND	5
103. Dubl-Check Penetrants HM604	E	E	E	E	>480	ND	6	>240	ND	5

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104. Epichlorohydrin	E	E	G	F	13	142	1	33	25	2
105. Ethanol	E	E	E	E	71	23	3	>240	ND	5
106. Ethanolamine	E	E	E	E	>480	ND	6	>240	ND	5
107. Ethoxyethanol, 2-	E	E	G	F	46	34	2	57	30	2
108. Ethoxytriglycol	E	E	E	E	>480	ND	6	>240	ND	5
109. Ethyl Acetate	E	G	G	G	6	156	0	33	25	2
110. Ethyl Benzene	G	P	NR	NR	NR	NR	0	NT	NT	NA
111. Ethyl Butanol	E	E	E	E	>480	ND	6	>240	ND	5
112. Ethyl Ether	E	G	G	G	9	218	0	11	105	1
113. Ethylene Glycol	E	E	E	E	>480	ND	6	>240	ND	5
114. Ethylene Glycol Ether	E	E	G	F	46	34	2	57	30	3
115. Ethylene Glycol Monobutyl ether	E	E	E	G	229	0.1	4	>240	ND	5
116. Ethylene Glycol Monohexyl ether	E	E	E	E	283	1	5	>240	ND	5
117. Ethylene Glycol Monopropyl ether	E	E	E	E	248	13	5	>240	ND	5
118. Ethylene Oxide (gas)	E	E	E	E	7	500	0	NT	NT	NA
119. Ethylenediamine	E	E	E	E	315	5	5	>240	ND	5
120. FCC-55 (proprietary)	E	G	F	F	9	155	0	NT	NT	NA
121. Fire & Ice 2000 10W40 Oil	E	E	E	E	>480	ND	6	>240	ND	5
122. Fluoboric Acid	E	E	E	E	>480	ND	6	>240	ND	5
123. Formaldehyde 37%	E	E	E	E	>480	ND	6	>240	ND	5
124. Freon 113	E	E	E	E	115	106	3	142	48	4
125. Furfural	E	E	E	G	81	15	3	95	5	3
126. Gasoline (unleaded)	E	E	E	P	13	94	1	72	11	3
127. Genetron 123	NT	NT	NT	NT	34	280	2	NT	NT	NA
128. Gloss HS Epoxy Catalyst	E	E	F	F	31	274	2	NT	NT	NA
129. Glutaraldehye 50%	E	E	E	E	>480	ND	6	>240	ND	5
129. Glyphosate Roundup	E	E	E	E	16	6	1	NT	NT	NA
130. Heptane	E	E	E	E	48	75	2	104	3	3

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131. Hexane	E	E	E	E	31	24	2	140	0.3	4
132. Hexene	E	E	E	E	42	68	2	52	14	2
133. Hexyl Carbitol Solvent	E	E	E	E	>480	ND	6	>240	ND	5
134. Hexyl Cellosolve Solvent	E	E	E	E	283	1	5	>240	ND	5
135. HFC-245	NT	NT	NT	NT	212	26	4	>240	ND	5
136. Hydrazine Hydrate 85%	E	E	E	E	>480	ND	6	>240	ND	5
137. Hydrochloric Acid 10%	E	E	E	E	>480	ND	6	>240	ND	5
138. Hydrochloric Acid 37%	E	E	E	E	>480	ND	6	>240	ND	5
139. Hydrofluoric Acid 48%	E	E	E	E	>480	ND	6	>240	ND	5
140. Hydrogen Chloride (gas)	E	E	E	E	>480	ND	6	>240	ND	5
141. Hydrogen Fluoride (gas)	E	E	E	E	11	10	1	NT	NT	NA
142. Hydrogen Peroxide 30%	E	E	E	E	>480	ND	6	>240	ND	5
143. HS Epoxy BAC 702 Off White	E	E	E	E	43	177	2	NT	NT	NA
144. Iodomethane	P	NR	NR	NR	NR	NR	0	8	152	0
145. Isoamyl Acetate	E	F	P	NR	NR	NR	0	NT	NT	NA
146. Isoamyl Alcohol	E	E	E	E	>480	ND	6	>240	ND	5
147. Isobutanol	E	E	E	E	>480	ND	6	>240	ND	5
148. Isooctane	E	E	E	E	>480	ND	6	>240	ND	5
149. Isopropanol	E	E	E	E	>480	ND	6	>240	ND	5
150. Isopropyl Acetate	G	F	F	NR	12	265	1	73	78	3
151. Jet Fuel JP-8	E	E	E	E	>480	ND	6	>240	ND	5
152. Jet Fuel JP-4	E	G	G	G	73	109	3	NT	NT	NA
153. Kerosene	E	E	E	E	261	3	5	>240	ND	5
154. KOH 45%	E	E	E	E	>480	ND	6	>240	ND	5
155. Lacquer Thinner Acme #305	G	P	NR	NR	NR	NR	0	NT	NT	NA
156. Lacquer Thinner Acme #887	F	P	NR	NR	NR	NR	0	NT	NT	NA
157. Lacquer Thinner EZ Brand	E	F	P	NR	NR	NR	0	NT	NT	NA

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158. Lacquer Thinner RK22	E	G	F	F	14	316	1	NT	NT	NA
159. Lauric Acid (30% in Etoh)	E	E	E	E	>480	ND	6	>240	ND	5
160. Limonene	E	E	G	P	47	0.1	2	>240	ND	NA
161. Madrella P 150	E	E	E	E	>480	ND	6	>240	ND	5
162. MEK/SBA	E	G	F	P	34	39	2	NT	NT	NA
163. Methanol	E	E	E	E	49	1	2	>240	ND	5
164. Methoxytriglycol	E	E	E	E	>480	ND	6	>240	ND	5
165. Methyl Acetate	E	G	G	G	15	119	1	17	35	1
166. Methyl Carbitol Solvent	E	E	E	E	>480	ND	6	>240	ND	5
167. Methyl Cellosolve	E	E	G	F	46	34	2	57	30	2
168. Methyl Chloride (gas)	E	E	E	E	>480	ND	6	>240	ND	0
169. Methyl Chloroform	G	P	NR	NR	19	332	1	NT	NT	NA
170. Methyl Ethyl Ketone	E	E	G	P	9	135	0	17	34	1
171. Methyl Ethyl Ketoxime	E	E	E	E	>480	ND	6	>240	ND	5
172. Methyl Iodide	P	NR	NR	NR	NR	NR	0	8	152	0
173. Methyl Isobutyl Ketone	E	G	P	NR	23	122	1	28	105	1
174. Methyl Isobutyl Ketoxime	E	E	E	E	>480	ND	6	>240	ND	5
175. Methyl Methacrylate	E	F	F	P	17	179	1	55	65	2
176. Methyl Propasol Solvent	E	E	E	E	>480	ND	6	>240	ND	5
177. Methylamine 40%	E	E	E	E	26	4	1	NT	NT	NA
178. Methylene Chloride	F	P	P	NR	3	162	0	5	108	0
179. Methylenedianiline,1,4-	E	E	E	G	>480	ND	6	>240	ND	5
180. Methyl tert-Butyl Ether	E	G	G	F	16	186	1	53	66	2
181. Microcut 26	E	E	E	E	>480	ND	6	>240	ND	5
182. Mineral Oil	E	E	E	E	>480	ND	6	>240	ND	5
183. Mineral Spirits	E	E	E	E	>480	ND	6	>240	ND	5
184. Monomethylhydrazine	NT	NT	NT	NT	NT	NT	NA	NT	NT	NA

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185. Morpholine	E	E	E	G	139	108	4	>240	ND	0
186. m-Toluenediamine (liquid)	NT	NT	NT	NT	>480	ND	6	>240	ND	5
187. m-Toluenediamine (solid)	NT	NT	NT	NT	>480	ND	6	>240	ND	5
188. Muriatic Acid	E	E	E	E	>480	ND	6	>240	ND	5
189. Naphtha (Petroleum)	E	E	E	E	47	110	2	>240	ND	5
190. Naphtha, VM&P	E	E	E	E	>480	ND	6	>240	ND	5
191. Nitric Acid 23%	E	E	E	E	>480	ND	6	>240	ND	5
192.Nitric Acid 70%	E	E	E	E	>480	ND	6	>240	ND	5
193.Nitric/Hydrofluoric Pickle Solution	E	E	E	E	>480	ND	6	>240	ND	5
194.Nitro Propane	E	E	G	G	175	45	4	>240	ND	5
195.Nitrobenzene	E	F	F	NR	321	7	5	>240	ND	5
196.Nitromethane	E	E	E	E	205	3	2	>240	ND	5
197.Nitropropane-2	E	E	E	E	232	0.6	4	>240	ND	5
198.N-Methyl Pyrrolidone	E	E	G	P	>480	ND	6	>240	ND	5
199.n-Octanol	E	E	E	E	94	1	3	>240	ND	5
200.n-Propanol	E	E	E	E	34	128	2	NT	NT	NA
201.n-Propyl Cellosolve	E	E	E	E	>480	ND	6	>240	ND	5
202.Nycote 7-11	E	E	E	E	>480	ND	6	>240	ND	5
203.Occidental OXSOL 10	NT	NT	NT	NT	NT	NT	NA	NT	NT	NA
204.Occidental OXSOL 100	NT	NT	NT	NT	NT	NT	NA	NT	NT	NA
205.Occidental OXSOL 1000	NT	NT	NT	NT	NT	NT	NA	NT	NT	NA
206.o-Dichlorobenzene	F	NR	NR	NR	NR	NR	0	38	34	2
207.Oleic Acid 98%	E	E	E	E	>480	ND	6	>240	ND	5
208.Olive Oil	E	E	E	E	>480	ND	6	>240	ND	5
209.O-Toluidine	E	G	F	P	>480	ND	6	>240	ND	5
210.OxyBisbenzene,1,1-(Dowtherm)	E	E	E	E	91	11	3	NT	NT	NA
211.PCBs 50% (Aroclor 1254/TCB)	E	F	NR	NR	91	11	3	NT	NT	NA

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212.Pentachlorophenol	E	E	E	E	27	10	1	91	5	3
213.Pentane	E	E	E	E	23	222	1	28	105	1
214.Pentanone-2	E	G	P	NR	14	857	1	22	48	1
215.Perchlorethylene	G	P	NR	NR	47	110	2	>240	ND	5
216.Petroleum Ether	E	E	E	E	147	15	4	>240	ND	5
217.Phenol	G	G	G	G	>480	ND	6	>240	ND	5
218.Phosphoric Acid 85%	E	E	E	E	>480	ND	6	>240	ND	5
219.Phthalic Acid Dibutyl Ester	E	E	E	E	>480	ND	6	>240	ND	5
220.Potassium Hydroxide 45%	E	E	E	E	>480	ND	6	>240	ND	5
221.PPG Sediment I	NT	NT	NT	NT	72	38	3	NT	NT	NA
222.Propanol-2	E	E	E	E	>480	ND	6	>240	ND	5
223.Propetamphos (50% in ROH)	E	E	E	E	>480	ND	6	>240	ND	5
224.Propoxy Diethylene Glycol	E	E	E	E	>480	ND	6	>240	ND	5
225.Propoxypropanol	E	E	E	E	177	52	3	>240	ND	5
226.Propyl Acetate	E	F	F	F	43	89	2	178	1.4	4
227.Propyl Carbitol Solvent	E	E	E	E	>480	ND	6	>240	ND	5
228.Propyl Cellosolve Solvent	E	E	E	E	248	13	5	>240	ND	5
229.Propyl Dipropasol Solvent	E	E	E	E	>480	ND	6	>240	ND	5
230.Propyl Propasol Solvent	E	E	E	E	177	52	4	>240	ND	5
231.Propylene Glycol	E	E	E	E	>480	ND	6	>240	ND	5
232.Propylene Glycol Monobutyl Ether	E	E	E	E	>480	ND	6	>240	ND	5
233.Propylene Glycol Monomethyl Ether	E	E	E	E	>480	ND	6	>240	ND	5
234.Propylene Glycol Monopropyl Ether	E	E	E	E	177	52	4	>240	ND	5
235.Propylene Oxide	G	G	G	G	43	47	2	44	29	2
236.Psuedocumene	G	P	NR	NR	31	89	2	NT	NT	NA
237.p-tert Butyl Toluene	E	E	G	P	219	38	4	>240	ND	5
238.Pyridine	G	P	NR	NR	NR	NR	0	NT	NT	NA

Best Ultraflex Neoprene 32 Glove Permeation Test Data

Chemical Tested	Degradation Rating Over Time (Minutes)				ASTM F 739 Permeation Resistance to Heavy Exposure			ASTM F1383 Permeation Resistance to Limited Exposure		
	5	30	60	240	Breakthrough Time in Minutes	Rate in $\mu g/cm^2/min$	EN 374 Rating (0 to 6)	Breakthrough Time in Minutes	Rate in $\mu g/cm^2/min$	EN 374 Rating (0 to 6)
239.Refrigerant 123A	E	E	G	G	85	180	3	NT	NT	NA
240.Refrigerant 141B	E	G	F	F	21	202	1	NT	NT	NA
241.Rotella T Multigrade 15W40 Motor Oil	E	E	E	E	>480	ND	6	>240	ND	5
242.Round-Up (concentrated)	E	E	E	E	15	6	1	NT	NT	NA
243.Rubber Solvent	E	E	E	E	99	10	3	NT	NT	NA
244.Safrotin (50% in ROH)	E	E	E	E	>480	ND	6	>240	ND	5
245.Shell Diala Oil AX Base Oil	E	E	E	E	>480	ND	6	>240	ND	5
246.Shell HVI 100 Neutral MQ Base Oil	E	E	E	E	>480	ND	6	>240	ND	5
247.Shell Turbo T68 Hydraulic Oil	E	E	E	E	>480	ND	6	>240	ND	5
248.Shellwax 100	E	E	E	E	>480	ND	6	>240	ND	5
249.Simple Green	E	E	E	E	>480	ND	6	>240	ND	5
250.Skydrol 500 B-4	E	E	E	E	>480	ND	6	>240	ND	5
251.Skydrol LD-4	E	E	G	F	>480	ND	6	>240	ND	5
252.Sodium Hydroxide 50%	E	E	E	E	>480	ND	6	>240	ND	5
253.Sodium Hypochlorite 4-6%	E	E	E	E	>480	ND	6	>240	ND	5
254.Solvent Oxygenated Hydrocarbon Blend	G	NR	NR	NR	11	1026	1	NT	NT	NA
255.Spirax S 85W-140	E	E	E	E	>480	ND	6	>240	ND	5
256.Stoddard Solvent	E	E	E	E	>480	ND	6	>240	ND	5
257.Styrene	G	NR	NR	NR	NR	NR	0	31	250	2
258.Sulfuric Acid 47%	E	E	E	E	>480	ND	6	>240	ND	5
259.Sulfuric Acid 97%	E	E	E	E	>480	ND	6	>240	ND	5
260.Tetrachloroethylene	G	P	NR	NR	14	857	1	22	48	1
261.Tetrahydrofuran	E	F	P	NR	5	173	0	11	139	1
262.Toluene	G	NR	NR	NR	6	313	0	11	139	1
263.Toluene Diisocynate	E	E	G	P	177	4	4	>240	ND	5
264.Toluene / MEK (65:35)	F	NR	NR	NR	11	359	1	NT	NT	NA
265.Trichlorobenzene-1,2,4	G	P	NR	NR	NR	NR	0	40	18	2

Best Ultraflex Neoprene 32 Glove Permeation Test Data

Chemical Tested	Degradation Rating Over Time (Minutes)				ASTM F 739 Permeation Resistance to Heavy Exposure			ASTM F1383 Permeation Resistance to Limited Exposure		
	5	30	60	240	Breakthrough Time in Minutes	Rate in $\mu g/cm^2/min$	EN 374 Rating (0 to 6)	Breakthrough Time in Minutes	Rate in $\mu g/cm^2/min$	EN 374 Rating (0 to 6)
266.Trichloroethane-1,11	G	P	NR	NR	19	332	1	37	39	2
267.Trichloroethylene	NR	NR	NR	NR	NR	NR	0	11	71	1
268.Trichlorotrifluoroethane	E	E	E	E	115	106	3	141	48	3
269.Tricresyl Phosphate	E	E	E	E	>480	ND	6	>240	ND	5
270.Triethanolamine	E	E	E	E	>480	ND	6	>240	ND	5
271.Turco 5351	E	P	P	NR	1	428	0	NT	NT	NA
272.Turco 6709	E	E	E	E	>480	ND	6	>240	ND	5
273.Turpentine	E	E	G	F	95	85	3	>240	ND	5
274.Ucon Quenchant A-RO @ 22%	E	E	E	E	>480	ND	6	>240	ND	5
275.Ucon Quenchant A-RO @ 34%	E	E	E	E	>480	ND	6	>240	ND	5
276.Vegetable Oil	E	E	E	E	>480	ND	6	>240	ND	5
277.Vinyl Acetate	E	G	P	P	10	219	1	40	106	2
278.Vinyl Benzene	G	P	NR	NR	NR	NR	0	31	250	2
279.Vinyl Chloride (GAS)	E	E	E	E	17	13	1	NT	NT	NA
280.Vinyl Styrene	E	P	NR	NR	NR	NR	0	NT	NT	NA
281.Vinylidine Chloride	P	NR	NR	NR	NR	NR	0	8	139	0
282.Xylene	P	NR	NR	NR	NR	NR	0	32	3	2
283.Xylol	G	NR	P	NR	NR	NR	0	NT	NT	5

EN 374 Rating Explanation or ANSI/ISEA 105-2000 Classification for Chemical Permeation

Class 0:	**Breakthrough Time of less than 10 minutes: Not Recommended:** For heavy exposure to this chemical, choose a different glove.	Class 3:	**Breakthrough Time of 1 to 2 hours: Caution:** For heavy exposure to this chemical, change gloves frequently (every 1 to 2 hours) or choose a different glove.
Class 1:	**Breakthrough Time of 10 to 30 minutes: Not Recommended:** For heavy exposure to this chemical, choose a different glove.	Class 4:	**Breakthrough Time of 2 to 4 hours: Recommended:** For heavy exposure to this chemical. Change gloves every 2 to 4 hours.
Class 2:	**Breakthrough Time of 30 to 60 minutes: Caution:** For heavy exposure to this chemical, change gloves frequently (every 30 to 60 minutes) or choose a different glove.	Class 5 & 6:	**Breakthrough Time of 4 to 8 hours or No breakthrough: Highly Recommended:** For heaviest exposure to this chemical. Gloves will last more than 8 hours.