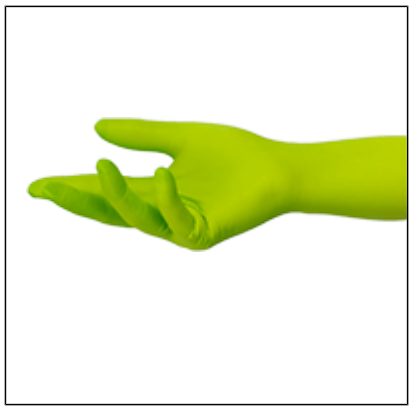
SHIELD Scientific
compliance comfort protection

Chemical resistance guide

LEVEL 0	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	LEVEL 6
< 10 min	10 > 29 min	30 > 59 min	60 > 119 min	120 > 239 min	240 > 479 min	> 480 min

ecoSHIELD™ Eco Nitrile PF 250



- Length: 250 mm/ 9.8"
- Palm thickness: 0.10 mm/ 3.9 mil
- Chemical performance: Type B
- Biological risk: AQL 0.25 / Level 3
- Particles level: N/A / N/A
- Virus resistant
- Allergies: Latex-free / Free of Thiazoles and Thiurams
- Design: Ambidextrous / Powder-free
- Colour: Green (outer)/ White (inner)
- ESD - Static dissipative
- Mechanical risk: N/A
- Applications: Laboratory / General workplace / Healthcare

5329-14-6 Sulfamic Acid 15%	LEVEL 6 480 min
7722-64-7 Potassium permanganate 6.5%	LEVEL 4 153 min
Mixed Solution Terralin protect	LEVEL 1 13 min
124-18-5 n-Decane	LEVEL 2 58 min
7697-37-2 Nitric acid 65%	LEVEL 0 6 min
64-19-7 Acetic acid 99%	LEVEL 0 4 min
67-56-1 Methanol 20%	LEVEL 3 65 min

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584-84-9
Toluene diisocyanate 95%
LEVEL 0
0 min

64742-49-0
Petroleum benzene 80-100°C
LEVEL 6
480 min

71-36-3
Butanol 99.4%
LEVEL 1
25 min

Mixed Solution
Bacillol AF
LEVEL 1
22 min

Mixed Solution
Bacillol 30 Foam
LEVEL 2
48 min

66-81-9
Cycloheximide
LEVEL 6
480 min

Mixed Solution
Hydranal ® -Composite 2
LEVEL 6
480 min

Mixed Solution
Mucocit®-T branded mixture
LEVEL 6
480 min

10127-02-3
Acridine orange
LEVEL 6
480 min

60-24-2
2-Mercaptoethanol 99%
LEVEL 0
1 min

75-56-9
Propylene oxide 99%
LEVEL 0
0 min

7803-57-8
Hydrazine monohydrate 98%
LEVEL 4
150 min

78-83-1
Isobutanol 99%
LEVEL 2
39 min

64-18-6
Formic acid 97.8%
LEVEL 0
3 min

77-86-1
Tris (hydroxymethyl) aminomethane Sat. solution
LEVEL 6
480 min

598-75-4
Secondary isoamyl alcohol 98%
LEVEL 2
30 min

127-09-3
Sodium acetate Sat. solution
LEVEL 6
480 min

7664-93-9
Sulphuric Acid 50%
LEVEL 6
480 min

7664-93-9
Sulphuric Acid 95%-98%
LEVEL 0
0 min

108-87-2
Methylcyclohexane 99.9%
LEVEL 2
55 min

62-53-3
Aniline 99.9%
LEVEL 1
10 min

97-88-1
Butyl methacrylate 99.9%
LEVEL 1
10 min

67-68-5
Dimethyl sulfoxide 99% (DMSO)
LEVEL 1
10 min

75-12-7
Formamide 99%
LEVEL 1
11 min

108-95-2
Phenol 0.1% solution
LEVEL 6
480 min

75-59-2
Tetramethylammonium hydroxide 2.5%
LEVEL 6
480 min

110-54-3
n-Hexane 95%
LEVEL 1
28 min

60-29-7
Diethyl ether 99%
LEVEL 0
0 min

75-15-0
Carbon disulfide 99.9%
LEVEL 0
0 min

7664-93-9
Sulphuric Acid 10%
LEVEL 6
480 min

76-05-1
Trifluoroacetic acid 99%
LEVEL 0
0 min

67-64-1
Acetone 99.8%
LEVEL 0
0 min

7681-52-9
Sodium Hypochlorite 13%
LEVEL 6
480 min

1310-58-3
Potassium Hydroxide 40%
LEVEL 6
480 min

67-63-0
Isopropanol 70%
LEVEL 2
58 min

1330-20-7
Xylene 98.5%
LEVEL 0
2 min

109-99-9
Tetrahydrofuran 99.9%
LEVEL 0
0 min

100-42-5
Styrene 99.9%
LEVEL 0
0 min

1310-73-2
Sodium Hydroxide 50%
LEVEL 6
480 min

1310-73-2
Sodium Hydroxide 40%
LEVEL 6
480 min
DR -14%

110-86-1
Pyridine
LEVEL 0
0 min

7664-38-2
Phosphoric Acid 30%
LEVEL 6
480 min

108-95-2 Phenol 50%	LEVEL 1 15 min
7697-37-2 Nitric Acid 70%	LEVEL 0 4 min
75-09-2 Dichloromethane 99%	LEVEL 0 0 min
67-56-1 Methanol 99.9%	LEVEL 0 0 min
67-63-0 Isopropanol 100%	LEVEL 2 33 min
7722-84-1 Hydrogen peroxide 30%	LEVEL 6 480 min DR 30%
7664-39-3 Hydrofluoric acid 48%	LEVEL 0 0 min
7664-39-3 Hydrofluoric acid 40%	LEVEL 0 8 min
7647-01-0 Hydrochloric acid 37%	LEVEL 3 98 min
142-82-5 n-Heptane 99%	LEVEL 2 43 min DR 58%
64-18-6 Formic acid 98.5%	LEVEL 0 0 min
50-00-0 Formaldehyde 37%	LEVEL 5 241 min DR 11%
141-78-6 Ethyl acetate 99.8%	LEVEL 0 0 min
1239-45-8 Ethidium bromide 5%	LEVEL 6 480 min

64-17-5 Ethanol 70%	LEVEL 2 31 min
64-17-5 Ethanol 99.8%	LEVEL 0 9 min
68-12-2 Dimethyl formamide 99%	LEVEL 0 1 min
109-89-7 Diethylamine 99.5%	LEVEL 0 0 min
110-82-7 Cyclohexane	LEVEL 6 480 min
67-66-3 Chloroform 99.8%	LEVEL 0 0 min
1336-21-6 Ammonium hydroxide 25%	LEVEL 1 16 min
107-13-1 Acrylonitrile 99%	LEVEL 0 0 min
79-06-1 Acrylamide 40%	LEVEL 6 480 min
75-05-8 Acetonitrile 99.9%	LEVEL 0 0 min

DISCLAIMER: The data provided was based on gloves tested under laboratory conditions, in accordance with EN 16523-1:2015 (formerly EN 374-3:2003) and EN 374-4:2013. The information is for guidance only and may not reflect the user's application. A risk assessment should always be made by purchaser to assess the suitability of gloves for a specific application.