

TempCook 476

Chemical Product	CAS #	Breakthrough time (minutes)	Permeation level	Standard	Degradation level	Rating
Ammonium hydroxide solution 25%	1336-21-6	480	6	EN 16523-1:2015	4	++
Butyl Acetate 99%	123-86-4	78	3	EN 374-3:2003	NT	
Carbon disulfide 99%	75-15-0	20	1	EN 16523-1:2015	NT	
Diethylamine 98%	109-89-7	53	2	EN 16523-1:2015	1	-
Ethyl acetate 99%	141-78-6	27	1	EN 16523-1:2015	NT	
Formaldehyde 37%	50-00-0	480	6	EN 16523-1:2015	3	++
Hydrochloric acid 10%	7647-01-0	480	6	EN 374-3:2003	NT	
Hydrochloric acid 35%	7647-01-0	480	6	EN 374-3:2003	NT	
Hydrogen peroxide 30%	7722-84-1	480	6	EN 16523-1:2015	NT	
Methanol 99%	67-56-1	122	4	EN 16523-1:2015	NT	
n-Heptane 99%	142-82-5	480	6	EN 16523-1:2015	4	++
Sodium hydroxide 40%	1310-73-2	480	6	EN 16523-1:2015	NT	
Styrene 99%	100-42-5	36	2	EN 16523-1:2015	NT	
Sulfuric acid 96%	7664-93-9	243	5	EN 16523-1:2015	NT	
Toluene 99%	108-88-3	51	2	EN 16523-1:2015	1	-

*not normalized result

Overall Chemical Protection Rating

Protection rating is determined by taking into account the effects of both permeation and degradation in an attempt to provide users with an overall protection guideline when using our glove products against specific chemicals.

- Used for **high chemical exposure** or chemical immersion, limited to breakthrough time based on a working day.
- Used for **repeated chemical contact**, limited to total chemical exposure i.e. : accumulative breakthrough time based on a working day.
- **Splash protection only**, on chemical exposure the gloves should be discarded and new gloves worn as soon as possible.
- **Not recommended**, these gloves are deemed unsuitable for work with this chemical.

 NT : Not tested

 NA : Not applicable because not fully tested (only degradation OR permeation results)

The chemical test data and overall chemical protection rating should not be used as the absolute basis for glove selection. Actual in-use conditions may vary glove performance from the controlled conditions of laboratory tests. Factors other than chemical contact time