



Jersette 301

Chemical Product	CAS #	Breakthrough time (minutes)	Permeation level	Standard	Degradation level	Rating
1,1,1,2-Tetrafluoroethane (HFC-134A) 99%	811-97-2	51	2	ASTM F739	NT	—————
Acetone 99%	67-64-1	9	0	EN 374-3:2003	NT	—————
Diethylamine 98%	109-89-7	4	0	ASTM F739	1	— -
Dimethylformamide 99%	68-12-2	31	2	ASTM F739	4	+
Formaldehyde 37%	50-00-0	480	6	EN 16523-1:2015	NT	—————
Freon 114 99%	76-14-2	78	3	ASTM F739	NT	—————
Freon 124 99%	2837-89-0	41	2	ASTM F739	NT	—————
Freon 152A 99%	75-37-6	9	0	ASTM F739	NT	—————
Hydrogen chloride 99%	7647-01-0	117	3	ASTM F739	NT	—————
Hydrogen peroxide 30%	7722-84-1	480	6	ASTM F739	NT	—————
Methanol 85%	67-56-1	NT	NT		4	—————
Methanol 99%	67-56-1	11	1	ASTM F739	4	+
Sodium hydroxide 20%	1310-73-2	480	6	ASTM F739	4	++
Sodium hydroxide 40%	1310-73-2	480	6	ASTM F739	4	++
Sodium hydroxide 50%	1310-73-2	480	6	ASTM F739	4	++
Styrene 99%	100-42-5	14	1	ASTM F739	NT	—————
Sulfuric acid 10%	7664-93-9	NT	NT		4	—————
Sulfuric acid 40%	7664-93-9	NT	NT		4	—————
Sulfuric acid 50%	7664-93-9	NT	NT		4	—————
Sulfuric acid 96%	7664-93-9	30	1	ASTM F739	2	=
Tetrachloroethylene (Perchloroethylene) 99%	127-18-4	11	1	ASTM F739	1	-
Toluene 99%	108-88-3	5	0	EN 374-3:2003	NT	—————
Vinyl Chloride 99%	75-01-4	11	1	ASTM F739	NT	—————

*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