

CHEMICAL RISKS

AS/NZS 2161 is the standard for hand protection and mirrors the European Standards EN388, EN374 and other elements.

AS/NZS 2161.10.3:2005 and EN374.1:2016 apply to gloves that protect against chemicals and micro-organisms. The pictograms below signify that gloves so marked indicate:



X - LOW CHEMICAL Level 1 (>10mins)

Level 1 (>10mins) performance against at least 1 chemical



X X X
Level 2 (>30mins)
performance against

at least 3 chemicals



Level 2 (>30mins) performance against at least 6 chemicals

Α	METHANOL	J	N-HEPTANE
В	ACETONE	K	SODIUM HYDROXIDE 40%
С	ACETONITRILE	L	SULPHURIC ACID 96%
D	DICHLOROMETHANE	М	NITRIC ACID 65%
E	CARBON DISULPHIDE	N	ACETIC ACID 99%
F	TOLUENE	0	AMMONIA HYDROXIDE 25%
G	DIETHYLAMINE	Р	HYDROGEN PEROXIDE 30%
Н	TETRAHYDROFURANE	S	HYDROFLUORIC ACID 40%
I	ETHYL ACETATE	Т	FORMALDEHYDE 37%

When dealing with glove performance against chemicals it is important to reference supplier glove compatibility charts for suitability and permeation & degradation time frames.

MECHANICAL RISKS - The new EN388:2016 explained

AS/NZS 2161.3/EN388 applies to gloves that protect against physical and mechanical hazards. Glove performance is indicated by the numbers below the pictogram for Abrasion, Cut - Coup, Tear, Puncture, Cut ISO13997 and Impact EN13594:2015.





(Table by Paramount - ProChoice gloves)







