

# MaxiChem®

## SECURE SAFETY™



### USE (CHEMICAL RESISTANT GLOVES WITH MECHANICAL PROPERTIES)

**Chemical resistant glove for SECURE SAFETY™ in wet or chemical environments.**  
Performance levels relate to the palm area of the glove

Do not use these gloves to protect against serrated edges or blades or naked flames. MaxiChem® shall not be worn when there is a risk of entanglement by moving parts of machines.

Please ensure that if you are working with chemicals that the gloves have the chemical pictogram printed on the glove and are suitable for the chemical that you are exposed to. Further information about chemical permeation levels can be found at [www.atg-glovesolutions.com](http://www.atg-glovesolutions.com).

Type A	MaxiChem®		MaxiChem® Cut™	
Chemikalie	Permeation	Degradation	Permeation	Degradation
A - Methanol CAS-Nr. 67-56-1	Level 2 56 min	DR: 47% SD: 2%	Level 2 39 min	DR: 1% SD: 8%
C - Acetonitril CAS-Nr. 75-05-8	Level 1 16 min	DR: 40% SD: 4%	Level 1 12 min	DR: 5% SD: 9%
J - n-Heptane CAS-Nr. 142-82-5	Level 6 >480 min	DR: 14% SD: 3%	Level 6 >480 min	DR: 0% SD: 5%
K - Sodium hydroxide 40% CAS-Nr. 1310-73-2	Level 6 >480 min	DR: 12% SD: 6%	Level 6 >480 min	DR: -4% SD: 11%
L - Sulphuric acid 96% CAS-Nr. 7664-93-9	Level 4 130 min	DR: 26% SD: 19%	Level 4 130 min	DR: 12% SD: 15%
M - Nitric acid 65% CAS-Nr. 7697-37-2	Level 4 189 min	DR: -1% SD: 8%	Level 4 132 min	DR: 9% SD: 15%
N - Acetic acid 99% CAS-Nr. 64-19-7	Level 3 105 min	DR: 32% SD: 10%	Level 3 94 min	DR: 7% SD: 13%
O - Ammonia 25% CAS-Nr. 1336-21-6	Level 6 >480 min	DR: 16% SD: 10%	Level 5 421 min	DR: 18% SD: 4%
T - Formaldehyde 37% CAS-Nr. 50-00-0	Level 2 30 min	DR 3% SD: 8%	Level 2 30 min	DR: 10% SD: 7%

DR: Degradation Rate, SD: Standard Deviation

**Degradation:** may alter one or more of the glove characteristics due to contact with chemicals). **Penetration:** is the movement of a "chemical" and/or micro-organisms through porous materials, seams, pinholes or other imperfections in a protective glove material at a non-molecular level. **Permeation:** Breakthrough of a chemical through the material of the protective glove at the molecular level.

This information does not reflect the actual duration of protection in the workplace and the differentiation between mixtures and pure chemicals. The chemical resistance has been assessed under laboratory conditions from samples taken from the palm only and relates only to the chemical tested. It can be different if the chemical is used in a mixture. It is recommended to check that the gloves are suitable for the intended use because the conditions at the workplace may differ from the type test depending on temperature, abrasion and degradation. When used, protective gloves may provide less resistance to the dangerous chemical due to changes in physical properties. Movements, snagging, rubbing, degradation caused by the chemical contact etc. may reduce the actual use time significantly. For corrosive chemicals, degradation can be the most important factor to consider in selection of chemical resistant gloves. Before usage, inspect the gloves for any defect or imperfections. After use or contact with hazardous substances the gloves has to be disposed according to local regulations. **Only intended for single use.**

### EXPLANATION OF THE PICTOGRAMS

	<b>EN 420:2003+A1:2009</b> General requirements (risk category, sizing, marking, labelling, etc.) Information supplied by the manufacturer in the user notice
 A B C D E F	<b>EN 388:2016</b> Mechanical Hazards A: Abrasion resistance - number of rubs (Level 0-4) B: Blade cut resistance - Coupe Test - Index (Level 0-5) C: Tear resistance - N (Level 0-4) D: Puncture resistance N (Level 0-4) E: TDM Cut resistance according to ISO 13997 - N (Level A-F) F: Impact protection according to EN 13594:2015 - Y/N (P=Yes)
 Type*	<b>EN ISO 374-1:2016-A1:2018</b> Protective gloves against dangerous chemical risks Protective gloves which form a protective barrier to dangerous chemicals <b>*Type A</b> - The permeation performance shall be at least level 2 against a minimum of six test chemicals. <b>*Type B</b> - The permeation performance shall be at least level 2 against minimum of three test chemicals. <b>*Type C</b> - The permeation performance shall be at least level 1 against minimum of one test chemical.
 	<b>EN ISO 374-5:2016</b> Protective gloves against microorganisms Protective gloves which form a protective barrier to microbiological agents. <b>Not tested against viruses.</b> <b>Production date (EU)</b> MM/YYYY

Higher values stand for better protection/resistance. If "X" is marked as a performance level the test is either not applicable or not proceeded. Puncture resistance should not be confused with piercing exerted by thin tips or needles. \* COUPE TEST RESULTS ARE ONLY INDICATIVE WHILE THE TDM CUT RESISTANCE TEST (ISO 13997) IS THE REFERENCE PERFORMANCE RESULT.

**Permeation - performance levels according to EN ISO 374-1: 2016 + A1: 2018:**

0	1	2	3	4	5	6
<10 min	>10 min	>30 min	>60 min	>120 min	>240 min	>480 min

**Sizing according to EN 420:2003+A1:2009**

Size	Minimum length (mm)	Palm circumference (mm)
6 (EU) XS (US)	220 mm	152 mm
7 (EU) S (US)	230 mm	178 mm
8 (EU) M (US)	240 mm	203 mm
9 (EU) L (US)	250 mm	229 mm
10 (EU) XL (US)	260 mm	254 mm
11 (EU) XXL (US)	270 mm	279 mm

### CONSTITUANTS / ALLERGIES

Some gloves may contain ingredients which are known to be a possible cause of allergies in sensitive persons who may develop irritant and/or allergic contact reactions. If an allergic reaction should occur seek medical advice immediately.

### CARE INSTRUCTIONS

**Storage/Cleaning:** Store the gloves in their original packaging in a cool and dry place. Keep away from direct sunlight, heat, flame and sources of Ozone. MaxiChem® are not designed to be washed as they are for chemical resistance. EU- Gloves can be used out of the pack 5 years after production date, printed on the glove. Gloves should be used within 3 years after their purchase. Glove life time in use is based on wear, abrasion and for gloves according to ISO 374-1 the breakthrough time for the chemicals used. **Disposal/Waste:** Used gloves may be contaminated with infectious or hazardous substances, dispose of according to the Local Authority/Municipality Regulations, landfill or incinerate under controlled conditions. For more information on glove selection, usage and performances and for a copy of the Cut/E-declaration of conformity please contact ATG® ([info@atg-glovesolutions.com](mailto:info@atg-glovesolutions.com) or send a fax to: +94-11-225338.87) or the supplier of these gloves.

### WARRANTY/LIMITATION OF DAMAGES

ATG® warrants that this product shall be in accordance with ATG® standard specifications as of the date of delivery to authorized distributors. Except to the extent prohibited by law, this warranty is in line of all warranties, including any warranty of fitness for a particular purpose; ATG® liability shall be limited to the purchase price of the product at issue. Buyers and users of this product are deemed to have accepted the terms of this limitation of warranty, which may not be varied by any verbal or written agreement.