



## HAND PROTECTION

## UNDERSTANDING THE EN MARKINGS

- EN388 Mechanical Risks**  
Four tests are conducted, namely Abrasion resistance, Cut resistance, Tear resistance and Penetration, and the results are shown as a performance score ranging from 1 - 4 with Cut 1 - 5. The higher the score the better the test performance, an example being 6631 009 Unipur PU Handler with a score of 4 1 4 1 which offers maximum abrasion, low cut, maximum tear and low penetration. By comparison, a 6049 409 Helix C5 Glove with 4 5 4 2 score, offers highest abrasion, highest cut, highest tear and higher penetration resistance. Clearly this is a far superior glove.
- EN374-2 Liquid proof**  
This tests with air and water for pinholes to determine whether liquid proof. If yes, the standard will be marked on the glove together with the pictogram shown here. Note that this is for water, not chemicals.
- EN374-3 Permeation by Chemicals**  
This tests the breakthrough time of a chemical through the glove. Three chemicals from the list of 12 are selected, and no permeation through the glove wall must occur after a minimum of 30 minutes. The 12 chemicals embrace the major chemical groups and are listed as: A- Methanol, B- Acetone, C- Acetonitrile, D- Dichloromethane, E- Carbon Disulphide, F- Toluene, G- Diethylamine, H- Tetrahydrofurane, I- Ethyl Acetate, J- N-heptane, K- Sodium Hydroxide 40%, and L- Sulphuric Acid. To carry this symbol, EN374-2 must be passed. By way of example, a glove tested for permeation with Dichloromethane, Toluene and Sulphuric Acid 40% would be marked EN374 DFL together with the pictogram shown. The glove is a true chemical resistant glove for the named chemicals.

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PROTECTING PEOPLE

Code	Description	Sizes*	Length	Packing & Price Breaks	EN388 Mechanical	EN374-3 Chemical		
<b>Helix Climatec Gloves:</b> The Uvex Profas Bamboo TwinFlex <sup>®</sup> technology gives superior cut resistance. Outer layer is made from fibreglass & polyamide; then bamboo rayon & Dyneema <sup>®</sup> inner for comfort and additional cut protection; then palm & finger dipped in HPE SoftGrip foam. Not for high heat conditions. **								
6054 209	Helix C3 Wet - wet & oily conditions	7 - 11	27cm	1 or 10	4 3 4 2		6054 409	6049 209
6054 409	Helix C3 Foam - dry conditions	7 - 11	27cm	1 or 10	4 3 4 2		Helix C3	Helix C5
6054 509	Helix C3 Carbon ESD - electrostatic discharge properties	7 - 11	27cm	1 or 10	4 3 4 3			
<b>Helix C5 - Highest cut level-5 protection</b>								
6049 209	Helix C5 Wet - wet & oily conditions	7 - 10	27cm	1 or 10	4 5 4 2			
6049 409	Helix C5 Foam - dry conditions	7 - 10	27cm	1 or 10	4 5 4 2			
<b>Polyurethane Dipped Gloves - non-sweat handler with maximum feel</b>								
6631 009	Unipur PU Grey - grey nylon liner	6 - 11	22cm	10 or 100	4 1 4 1		6631 009	6600 009
<b>Nitrile Dipped Gloves - superior feel and oil resistance.</b>							Unipur PU	Unilite Nitrile
9850 009	Uniflex Nitrile Yellow - Knit-wrist, palm coated	7 - 10	22cm	12 or 144	4 1 2 1			
9860 009	Uniflex Nitrile Yellow - Knit-wrist, fully coated	7 - 10	22cm	12 or 144	4 1 2 1			
6600 009	Unilite Nitrile Grey - white nylon liner	7 - 10	25cm	12 or 144	4 1 3 1			
6634 009	Unipur Nitrile Grey - grey nylon liner	6 - 10	22cm	10 or 100	4 1 3 3			
1860 009	Compact Nitrile Blue - Knitwrist cuff on brushed jersey liner	9 - 10	27cm	12 or 144	4 2 2 1			
1960 009	Compact Nitrile Blue - Straight cuff on brushed jersey liner	9 - 10	27cm	12 or 144	4 2 2 1			
3960 010	Compact Nitrile Plus - Knitwrist cuff on reinforced terrycloth palm	10	27cm	12 or 144	4 2 4 1			
<b>Nitrile &amp; Neoprene Gloves - unsupported liquid handling</b>								
3304 009	Profastrong Green - nitrile chemical & solvent resistant	7 - 10	33cm	10 or 100	4 1 0 1	A J K L	3304 009	3307 009
3307 009	Profapren Navy - neoprene oil & chemical resistant	7 - 11	33cm	10 or 100	3 1 3 1	A K L	Profastrong	Profapren
<b>Cut and Chemical Gloves - multi-layer construction</b>								
2724 009	Protector Chem - cut and liquid protection	9 - 10	27cm	1 or 10	3 4 4 2	A J K L		
4020 009	Protector Chem - longer as above	9 - 10	40cm	1 or 10	3 4 4 2	A J K L	2724 009	6627 009
6627 009	Unigrip Green - heavy duty handler, knitted cotton liner. Not for oil	7 - 10	20cm	12 or 144	2 1 4 2		Protector	Unigrip

**Notes:** \* Sizes shown are those manufactured, and some are subject to special import and minimum quantities. \*\* Data sheets for each glove available on enquiry. Specifications subject to change without notice. The last two digits in the code describe size only. Helix<sup>®</sup>, Climatec<sup>®</sup>, Climazone<sup>®</sup> & Twinflex<sup>®</sup> are Uvex brands. Dyneema<sup>®</sup> is a DSM brand.