

EN 374 STANDARD AGAINST CHEMICALS



STANDARD EN 374-1
General chemical protection



STANDARD EN 374-2
Gloves Giving Protection from Micro-Organisms

Niveau	AQL
1	4,0
2	1,5
3	0,65

The 'Micro-organism' pictogram is to be used when the glove conforms to at least a performance level 2 for the Penetration test. The penetration resistance is measured according to the ISO 2859 procedure which defines 3 levels of acceptable quality (AQL)



STANDARD EN 374-3
Gloves Giving Protection from Chemicals

Breakthrough time	Protection Index (class)
> 10 minutes	1
> 30 minutes	2
> 60 minutes	3
> 120 minutes	4
> 240 minutes	5
> 480 minutes	6

The 'Chemical resistant' glove pictogram must be accompanied by a 3-digit code. This code refers to the code letters of 3 chemicals (from a list of 18 standard defined chemicals), for which a breakthrough time of at least 30 minutes has been obtained.

- | | |
|-------------------------------|----------------------------|
| A Methanol | B Acetone |
| C Acetonitrile | D Dichloromethane |
| E Carbon disulfide | F Toluene |
| G Diethylamine | H Tetrahydrofuran |
| I Ethyl acetate | J n-Heptane |
| K Sodium hydroxide 40% | L Sulfuric acid 96% |

NEW MARKING

> 30 minutes for at least 6 chemicals tested	TYPE A JKLMNO
> 30 minutes for at least 3 chemicals tested	TYPE B JKL
> 30 minutes for at least 1 chemical tested	TYPE C

NEW MARKING

- | | |
|--------------------------------|--------------------------------|
| M Nitric acid 65% | N Acetic acid 99% |
| O Ammonia 25% | P Hydrogen peroxide 30% |
| S Hydrofluoric acid 40% | T Formaldehyde 37% |