

NitroChem 1753 light

AERO®



EN ISO 374-1:
2016/TYPE B



EN ISO 374-5:
2016



SPECIFICATION

GLOVE MATERIAL	AERO nitrile gloves are resistant to chemicals. They're made from a acrylonitrile-butadiene mixture with tried and tested resistance to solvents, oils, fats and bleaching chemicals.
SIZES	L/8, XL/9
CHARACTERISTICS	The compact coating forms a barrier against permeation by fluids and oils
PROTECTION	Abrasion, resistance to chemicals and bacteria
USE	Manufacturing and assembly of vehicles and parts in the automotive industry, suspension production, industrial chemical processing, newspaper printing offices, oil refineries, vehicle paint shops, painting, battery production, gardening, handling of pesticides, agriculture, laboratory testing, communal waste liquidation, air compressor production, degreasing, tanning, glue production, clean-up works

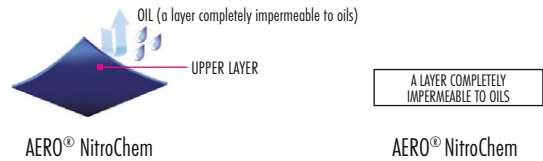
EVALUATION (PALM SIDE)

Grip when dry	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Grip when wet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Slip-resistant treatment for contact with oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Resistance to permeation by oil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Resistance to permeation by H ₂ O solution	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Breathability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wearing comfort level	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

MECHANICAL PROTECTION

Abrasion resistance (cycles)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Based on the number of cycles necessary to tear through a sample of the glove	100	500	2000	8000		
Resistance to cutting (index)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Based on the number of blade cycles necessary to cut through a sample at a constant speed	1,2	2,5	5,0	10,0	20,0	
Resistance to tearing (Newton)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Based on the force necessary to tear the sample	10	25	50	75		
Resistance to puncturing (Newton)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Based on the force necessary to puncture the sample with a standard-sized point	20	60	100	150		
Resistance to cutting (Newton)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TDM resistance to cutting according to EN 388:2016 ISO 13997	2	5	10	15	22	30

X - NOT TESTED



CHEMICAL PROTECTION

Gloves which protect against hazardous chemicals and microorganisms

EN ISO 374-1:
2016/Type B



ISO 374-1:2016/Type A	ISO 374-1:2016/Type B	ISO 374-1:2016/Type C
	K - sodium hydroxide 40% O - ammonia 25% P - hydrogen peroxide 30% T - formaldehyde 37%	

- Type A** The permeation must fulfil at least design class 2 for a minimum of six test chemicals.
- Type B** The permeation must fulfil at least design class 2 for a minimum of three test chemicals.
- Type C** The permeation must fulfil at least design class 1 for a minimum of one test chemical.





Gloves which protect against hazardous chemicals and microorganisms

EN ISO 374-5:
2016



MICROORGANISMS	VIRUS
<input type="checkbox"/>	<input type="checkbox"/>

PACKING DETAILS

Size	Carton size Carton volume Carton weight	Packaging of individual pair	Number of pairs in package	Number of pairs in carton	Barcode 1 pair	Barcode carton
L/8	37 x 30 x 22 cm 0.02442 m ³ 6.30 kg	YES	12	120	 8 595683 003100	 8 595683 003117
XL/9	37 x 30 x 22 cm 0.02442 m ³ 6.45 kg	YES	12	120	 8 595683 003124	 8 595683 003131

EN ISO 374-1:2016 TYPE B Degree of protection against permeation KOPT, sodium hydroxide 40% - class 6 (at least 480 minutes), ammonia 25% - class 3 (at least 60 minutes), hydrogen peroxide 30% - class 6 (at least 480 minutes), formaldehyde 37% - class 6 (at least 480 minutes)

Resistance to penetration level 1, MAJOR AQL 2.5, MINOR AQL 4

Degradation 40% sodium hydroxide -7%, 25% ammonia 31.6%, 30% hydrogen peroxide 16.9%, 37% formaldehyde 2.7%

This information does not illustrate the actual duration of the protection in the workplace, and the difference between a mixture and pure chemicals. The anti-chemical resistance was evaluated under laboratory conditions, and only on samples collected from the palm of the hand (with the exception of gloves 400 mm long or longer, where the cuff is also tested), and relates only to the tested chemicals. This resistance may differ if mixtures of chemicals are used. These gloves were not tested for resistance to penetration by viruses.

It is recommended to check whether the gloves are suitable for the expected use, because the conditions in the workplace may differ from the standard test due to the effect of temperature, abrasion and degradation.


During use, the protective gloves may provide lower resistance to hazardous chemicals as a consequence of changes in physical properties. Movement, grinding, abrasion, degradation caused by contact with chemicals etc. can significantly reduce the actual period of use. In the case of aggressive chemicals, degradation may be the most important factor when choosing chemical-resistant gloves. Before use, check that the gloves do not contain defects or imperfections. Always use gloves of the correct size.


STORAGE

The gloves must be stored in a dry and cool environment, away from direct sunlight.

MANUFACTURER'S RECOMMENDATION

Use the gloves according to the assessed risks, in accordance with the appropriate norms. The content of the appropriate norms will be provided to you, on request, by an authorized distributor of the AERO and WORKSHOP brands.

 CAT. III - Sign of conformity with harmonised European CAT III. norms. Gloves which protect against hazardous chemicals and microorganisms. The gloves are designed to insulate the hands, or hands and arms, from direct contact with hazardous chemicals. The gloves are tested and certified by an independent official body.

 The pictograms on the left indicate that the user must read the information leaflet (in every package) before using the gloves.