

GUANTE GUANTES DE NITRILO JUBA - 5813 T-TOUCH CHEM

HPPE with bipolymer coating (nitrile + water based PU).



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NORMATIVE



CHARACTERISTICS

- Double bipolymer coating for excellent tightness.
- Optimizes dexterity and touch compared to the use of a double glove.
- Coated on palm and thumb fingers of sandy nitrile offering a solid grip in dry, humid and oily environments.
- Contact heat resistant (100 ° C for 15 ").
- Its high visibility inner lining makes hand cuts quickly detected.
- The cuff can be folded to prevent chemicals from sliding down the arm.

WORKING GLOVES SUITABLE FOR:

- Handling of metal sheets and panels.
- Pieces with sharp edges.
- Spill and leak cleaning.
- Refinery and oil.
- Industrial cleaning.
- Aerospace industry.
- Metal and automotive industry.
- Chemical industry.
- Food industry.
- Recycling and garbage collection plants.

- Suitable for food use.

MORE INFO					
Materials	Colour	Thickness	Length	Sizes	Packaging
Nitrile	Green	1.70 mm	S - 35 cm M - 35 cm L - 35 cm XL - 35 cm	6/XS 7/S 8/M 9/L 10/XL 11/XXL	6 pairs/package 60 pairs/box

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A - Flame behaviour

The material should comply with the requirements in the table. In addition, the material should not drip or melt. The seams should not open up after 15 seconds ignition time.

Service provision level	Post-inflammation time	Post-incandescence time
1	≤ 20	No requirement
2	≤ 10	≤ 120
3	≤ 3	≤ 25
4	≤ 2	≤ 5

B - Heat per contact:

The material should comply with:

Service provision level	Contact temperature(Threshold time (s)
1	100	≥ 15
2	250	≥ 15
3	350	≥ 15
4	500	≥ 15

Convective heat

The material should comply with:

Service provision level	Hti heat transfer index
1	≥ 4
2	≥ 7
3	≥ 10
4	≥ 18

Service provision level	Heat transfer index t ₃
1	≥ 7
2	≥ 20
3	≥ 50
4	≥ 95

Service provision level	Number of droplets
1	≥ 10
2	≥ 15
3	≥ 25
4	≥ 35

Service provision level	Molten iron (g)
1	30
2	60
3	120
4	200

D - Radiating heat

The material should comply with:

E - Small splashes

The number of droplets necessary to produce a 40°C rise in temperature should meet requirements in the table:

F - Large splashes

The PVC film that simulates the skin will not be smoothed or its surface roughness changed in any other way, with any of the quantities of iron used:

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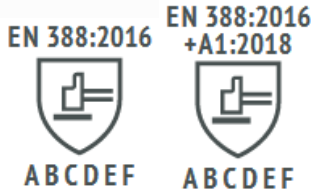
EN388:2016



EN388:2016 Protective gloves against mechanical risks.

The EN388: 2003 standard is renamed EN388: 2016, the year of its revision. The reason for the modification is given by the discrepancies in the results between laboratories in the knife cut test, COUP TEST. Materials with high levels of cut produce a dulling effect on the circular blades, which undermines the result.

The new regulation was published in November 2016 and the previous one is from the year 2003. During these 13 years, there has been a great innovation in the materials for the manufacture of cutting gloves, they have forced to introduce changes in the tests to be able to measure with more rigorous levels of protection. If you want to know more about the main changes in these regulations, you can consult it through our website www.jubappe.es



- A - Abrasion resistance (X, 0, 1, 2, 3, 4)
- B - Blade Cut Resistance (X, 0, 1, 2, 3, 4, 5)
- C - Tear resistance (X, 0, 1, 2, 3, 4)
- D - Puncture resistance (X, 0, 1, 2, 3, 4)
- E - Cutting by sharp objects ISO 13997 (A, B, C, D, E, F)
- F - Impact test complies / does not comply (It is optional. If it complies, put P)

EN388:2016 performance levels	1	2	3	4	5
6.1 abrasion resistance (cycles)	100	500	2000	8000	-
6.2 blade cut resistance (index)	1,2	2,5	5	10	20
6.4 tear resistance (newtons)	10	25	50	75	-
6.5 puncture resistance (newtons)	20	60	100	150	-

Eniso13997:1999 performance levels	A	B	C	D	E	F
6.3 tdm: cut resistance (newtons)	2	5	10	15	22	30

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ENISO374-1:2016



EN ISO 374-1:2016
TIPO X



XXXXXX

EN ISO 374-5:2016



The EN374: 2003 standard is renamed ENISO374: 2016. The purpose of this standard is to classify gloves according to their behavior when exposed to chemical substances.

They are divided into the following parts:
EN ISO 374-1:2016 - Terminology and performance requirements for chemical risks.

EN 374-2:2014 - Determination of resistance to penetration.

EN 16523-1:2015 + A1:2018 - Permeation by liquid chemicals under continuous contact conditions.

EN ISO 374-4:2019 - Determination of resistance to chemical degradation.

EN ISO 374-5:2016 - Terminology and requirements demanded for risks of microorganisms.

Gloves classification according to ENISO374-1: 2016

Gloves are divided into three types:

Letter	Chemical substance	Cas number	Class
A	Methanol	67-56-1	Primary alcohol
B	Acetone	67-64-1	Cetone
C	Acetonitrile	75-05-8	Nitrile compound
D	Dichloromethane	75-09-2	Chlorine hydrocarbon
E	Carbon disulfide	75-15-0	Sulphate organic compound
F	Toluene	108-88-3	Aromatic hydrocarbon
G	Diethylamine	109-89-7	Amine
H	Tetrahydrofuran	109-99-9	Heterocyclic ether
I	Ethyl acetate	141-78-6	Ester
J	N-heptane	142-85-5	Saturated hydrocarbon
K	Sodium hydroxide 40%	1310-73-2	Inorganic alkaline
L	Sulphuric acid 96%	7664-93-9	Inorganic, oxidising mineral acid
M	Nitric acid 65%	7697-37-2	Inorganic, oxidising mineral acid
N	Acetic acid 99%	64-19-7	Organic acid
O	Ammonia hydroxide 25%	1332-21-6	Organic alkaline

**EN ISO 374-1:2016
TIPO A**



UVWXYZ

TYPE A

Step time ≥ 30 min for at least 6 products

**EN ISO 374-1:2016
TIPO B**



XYZ

TYPE B

Step time ≥ 30 min for at least 3 products

**EN ISO 374-1:2016
TIPO C**



TYPE C

Step time ≥ 10 min for at least 1 products

Modification of the ENISO374-5: 2016 standard

When the glove passes the test described for virus protection, the word "virus" will appear under the pictogram. If nothing appeared, protection would only be assured against bacteria.

P	Hydrogen peroxide 30%	7722-84-1	Peroxide
S	Hydrofluoric acid 40%	7664-39-3	Mineral organic acid
T	Formaldehyde 37%	50-00-0	Aldehyde

Levels of resistance to permeability

Taverage penetration time	Performance levels	Average penetration time	Performance levels
> 10	Class 1	> 120	Class 4
> 30	Class 2	> 240	Class 5
> 60	Class 3	> 480	Class 6

Gloves classification according to EN374-2:2014

It is the advance of chemical products through the material, seams of the glove at a non-molecular level. Air leak test: the glove is inflated with air and immersed in water. The appearance of air bubbles is controlled within 30 '. Water leak test: the glove is filled with water and the appearance of water droplets is controlled. If these tests are positive, the pictogram will be put on.

Gloves classification according to EN374-4: 2013

Detriment to some of the glove's properties due to contact with a chemical. Eg: discoloration, hardening, softening, etc. Permeation test EN 16523-1. It is the advancement of chemicals at the molecular level. The resistance of the glove material to permeation by a chemical is determined by measuring the time it passes through the material.

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