

GUANTE NITRILO JUBA - 5813 T-TOUCH CHEM

Guante de HPPE recubierto de bpolimero (nitrilo + PU de base acuosa).



NORMATIVA



ESPECIALES

GUANTES DE TRABAJO RECOMENDADOS PARA:

- Manipulación de chapas y paneles metálicos.
- Piezas con bordes afilados.
- Limpieza de derramas y fugas.
- Refinería y petróleo.
- Limpieza industrial.
- Industria aeroespacial.
- Industria del metal y automoción.
- Industria química.
- Industria alimentaria.
- Plantas de reciclaje y recogida de basuras.

CARACTERÍSTICAS

- Excelente estanqueidad gracias a su doble recubrimiento de bpolímero.
- Recubierto en palma y dedo pulgar de nitrilo arenoso ofreciendo un sólido agarre en ambientes secos, húmedos y aceitosos.
- Optimiza la destreza y el tacto en comparación con el uso de un doble guante.
- Resistente al calor por contacto (100°C durante 15 segundos).
- Su forro interior de alta visibilidad hace que de producirse cortes se detecten rápidamente.

- El manguito se puede doblar para evitar que los productos químicos resbalen por el brazo.
- Para bacterias y hongos este guante tiene estanqueidad total según EN 374-2:2014.
- Este guante protege contra las siguientes sustancias químicas: n-Heptano (nivel 6, >480 minutos), Hidróxido Sódico 40% (nivel 6, >480 minutos) y Ácido sulfúrico 96% (nivel 3 >60 minutos).
- Apto para uso alimentario.

MÁS INFORMACIÓN

Materiales	Color	Grueso	Largo	Tallas	Embalaje
Nitrilo	Verde	1.70 mm	XS - 35 cm S - 35 cm M - 35 cm L - 35 cm XL - 35 cm XXL - 35 cm	6/XS 7/S 8/M 9/L 10/XL 11/XXL	6 pares/paquete 60 pares/caja

NORMATIVAS



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

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:

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

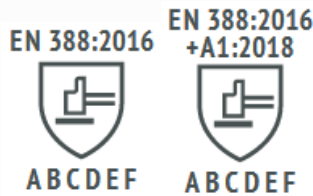
EN388:2016



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

ENISO374-1:2016



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.

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:

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

only be assured against bacteria.

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
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 EN374-4: 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.

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