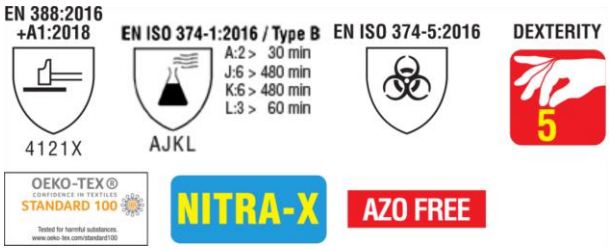
COFRA
BORN TO WORK

TECHNICAL SHEET

G603 - ABRAGRIP

Chemical Protection Nitrile

CE CAT. 3



Features	• Excellent grip in both oily and damp environments • Excellent abrasion resistance: 30.000 cycles* • Triple nitrile coating that improves glove waterproofness • Excellent dexterity thanks to a finished coating • Ultra-light glove ensuring exceptional comfort and softness • Without latex proteins
Palm	NITRA-X Nitrile
Back	Smooth nitrile
Lining	Nylon
Cuff	Pinked edge
Colour	Green/black
Lenght	350 mm / 13,8''
Thickness	1,2±1,4 mm (palm) / 1,1±1,3 mm (back)
Sizes	8-11 (M-XXL)
Application	Handling chemicals, petrochemical industry, oil and petrol refining, handling paint, ink, colorings, glues and adhesives, handling oiled and/or lubricated objects and materials

HIGH CHEMICAL PROTECTION - EXCELLENT ABRASION RESISTANCE

Packaging	*Code*	*Quantity*
	G603-D100	1 dozen (12 single packed gloves)
	G603-K100	Carton containing 6 dozen (72 single packed gloves)

The triple nitrile coating provides the glove with surprising performance levels of abrasion resistance, well beyond those obtained by standard gloves with nitrile coating sold on the market. The abrasion resistance is more than three times the maximum level required by EN 388 standard. The standard, in fact, requires to get through 8,000 cycles to reach the maximum level of performance, while the ABRAGRIP model well reaches 30,000 cycles. An excellent result that offers greater durability and the possibility of using the glove for applications and more difficult working environments.

ABRASION RESISTANCE	
LEVELS	N° cycles
1	100
2	500
3	2.000
4	8.000
	COFRA 30.000

* Test carried out in COFRA's laboratories through the testing procedures indicated by EN 388 standard. The results show an abrasion resistance more than three times the highest level indicated by the standard, as proved by the chart here above.

OEKO-TEX®

OEKO-TEX® CONFIDENCE IN TEXTILES STANDARD 100
Tested for harmful substances.
www.oeko-tex.com/standard100

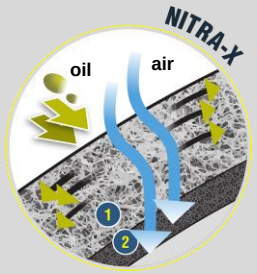
OEKO-TEX® is a voluntary certification of product through which the certified company commits itself to keep in time the safeness of its own products. The OEKO-TEX® 100 mark guarantees that the textiles (or accessories of the textiles, metallic ones included) do not contain or release harmful substances for the consumer (pesticides, heavy metals, formaldehyde, aromatic amines, allergy inducing dyestuffs and so on). OEKO-TEX® certified gloves fully comply with the requirements of standard EN 420:2003+A1:2009 and they abide by the requirements of the attachment XVII of REACH (regulation 552:2009) having the textile product as area of pertinence.

HANDLING OIL AND NOT FEELING IT!

Revolutionized nitrile concept

NITRA -X is an innovative compound, breathable, with double layer granting excellent grip on wet and oily surfaces.

The oil is collected on the outer layer (1) thanks to the excellent compound porosity. The external surface does not remain oily, granting maximum grip. Thanks to the structure of its micropores, the inner layer made of nitrile foam (2) prevents the penetration of oil into the lining, while allowing air to pass, thus optimizing breathability.



NITRA -X has an **excellent flexibility**, makes easier and quicker hand movements.

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SAFETY TECHNICAL SPECIFICATIONS

The PPE is in compliance with essential requirements of (EU) 2016/425 regulation

STANDARD	DESCRIPTION	MINIMUM REQUIREMENT / RANGE	RESULT REACHED
EN 420:2003 + A1 2009	pH determination (palm)	3,5 < pH < 9,5	**7,2**
EN 420:2003 + A1 2009	pH determination (back)	3,5 < pH < 9,5	**7,3**
UNI EN 14362-1/3:2012	Carcinogenic and aromatic amines	≤ 30 ppm	**< 5**
EN ISO 21420:2020	Protective gloves - General requirements and test methods	COMPLIANT / NOT COMPLIANT	**COMPLIANT**

STANDARD	DESCRIPTION	LEVEL					LEVEL REACHED
		1	2	3	4	5	
EN 388:2016+A1:2018	Abrasion resistance (number of frictions)	≥ 100	≥ 500	≥ 2000	≥ 8000	-	**4**
EN 388:2016+A1:2018	Cutting test : blade cut resistance (index)	≥ 1,2	≥ 2,5	≥ 5,0	≥ 10,0	≥ 20,0	**1**
EN 388:2016+A1:2018	Tear resistance (N)	≥ 10	≥ 25	≥ 50	≥ 75	-	**2**
EN 388:2016+A1:2018	Puncture resistance (N)	≥ 20	≥ 60	≥ 100	≥ 150	-	**1**

STANDARD	DESCRIPTION							LEVEL REACHED
EN 388:2016+A1:2018 - EN ISO 13997	TDM : cutting resistance (N)	A	B	C	D	E	F	**X**
		≥ 2	≥ 5	≥ 10	≥ 15	≥ 22	≥ 30	
EN 388:2016+A1:2018 - EN 13594:2015	Impact protection	P			ABSENT			**ABSENT**
		Achieved			Test not executed			

If one of the marking indexes is marked with:
- letter “X” means that the test wasn’t executed or not applicable;
- number “0” means that the test was executed but the minimum performance level hasn’t been achieved

STANDARD	DESCRIPTION		MINIMUM REQUIREMENT / RANGE	RESULT REACHED
EN 374-2:2014	Determination of resistance to penetration - Air leakage test		COMPLIANT / NOT COMPLIANT	**COMPLIANT**
EN 374-2:2014	Determination of resistance to penetration - Water leakage test		COMPLIANT / NOT COMPLIANT	**COMPLIANT**
EN ISO 374-1:2016 / A1:2018 EN 16523-1:2015	Determination of material resistance to permeation by chemicals	Glove type	Type A / Type B / Type C	**Tipo B**
		Chemical: A Methanol; B Acetone; C Acetonitrile; D Dichloromethane; E Carbon disulphide; F Toluene; G Diethylamine; H Tetrahydrofuran; I Ethyl acetate; J n-heptane; K 40% Sodium hydroxide; L 96% Sulphuric acid; M 65% Nitric acid; N 99% Acetic acid; O 23% Ammonium hydroxide; P 30% Hydrogen peroxide; S 40% Hydrofluoric acid; T 37% Formaldehyde		**A**	**J**
		Permeation performance level	1 2 3 4 5 6	**2**	**6**
		Measured crossing time (mins)	>10 >30 >60 >120 >240 >480	**>30**	**>480**
				K	**L**
				6	**3**
				>480	**>60**
EN 374-4:2013	Determination of resistance to degradation by chemicals		---	**33,7%**	**-6,2%**	**-7,6%**	**65,3%**
EN ISO 374-5:16	Protective gloves against bacteria and fungi		COMPLIANT / NOT COMPLIANT	**COMPLIANT**
	Protective gloves against viruses, bacteria and fungi		COMPLIANT / NOT COMPLIANT	**NOT COMPLIANT (not tested)**