

TOTAL PROOF G010

MECHANICAL PROTECTION

EN 388:2016
+A1:2018



EN 407:2020



Features:

Oil Protection Technology - Double layer coating resistant to oils and greases.
Excellent protection against oils and grease, thanks to the total nitrile covering.
Superb grip on oily surfaces, thanks to their special sand finished nitrile coating.
High abrasion resistance.
Gloves in compliance with EC Regulation no. 1935/2004 ("Materials and items intended to come into contact with food") to guarantee safety of materials used and protection against migrations of substances on food.
Certified for washing according the ISO 6330 standard (the performances are guaranteed for at least 5 washing cycles to optimize resources and consumption to the maximum).
Silicone-free.

Composition

Coating: nitrile
External finish: sand
Lining: nylon
Gauge: 13
Colour: blue, black

Application:

agriculture, animal farming, building and construction, agri-food industry, Hotel and catering Industry, chemical industry, wood industry, glass industry, paper industry, plastics industry, metalworking industry, engineering industry, fishing, cleaning and services, public utilities, transport and logistics

Packaging:

Code	Quantity
G010-D100	1 dozen (1 bag containing 12 pairs)
G010-K100	Carton containing 10 dozen (120 single packed gloves)

Sizes	6 (XS)	7 (S)	8 (M)	9 (L)	10 (XL)	11 (XXL)
Length	-	23,5cm	24,5cm	25,5cm	26,5cm	27,5cm
	-	9,2"	9,6"	10"	10,4"	10,8"

Further technical features:



Gloves made without silicones, responsible for skin irritation and allergies. The absence of silicones ensures that glass, steel and metal parts can be generally handled without leaving prints, thus optimising the painting, assembly, packaging and finishing phases.



**SUPERB GRIP ON OILY SURFACES
- TOTAL COVERING**

Oil Protection Technology



Double layer coating resistant to oils and greases. The internal layer resists to oil penetration and enhances durability. The sandblasted external layer resists to oils, providing a safe hold. The *Oil Protection Technology* line offers a range of various models, different from each other in terms of use and type of coating.

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Safety technical specifications: the PPE is in compliance with essential requirements of (EU) 2016/425 Regulation and the European harmonized standards EN ISO 21420:2020, EN 388:2016+A1:2018, EN 407:2020

The gloves (or sleeves) endowed with the pictogram which designates contact with foodstuffs comply also with the Regulation (EC) 1935/2004, Regulation (EU) 10/2011, D.M. 21/03/1973 s.m.i.


EN ISO 21420:2020	Level	Result reached
Protective gloves - General requirements and test methods	-	COMPLIANT
Protective gloves - Dexterity	1-5	5
Textiles - Determination of pH of aqueous extract	3,5 ≤ pH ≤ 9,5	pH 7,45







EN 388:2016+A1:2018		Level						Result reached
		1	2	3	4	5		
	Abrasion resistance (number of frictions)	≥100	≥500	≥2000	≥8000	-	4	
	Cutting test : blade cut resistance (index)	≥1,2	≥2,5	≥5,0	≥10,0	≥20,0	1	
	Tear resistance (N)	≥10	≥25	≥50	≥75	-	3	
	Puncture resistance (N)	≥20	≥60	≥100	≥150	-	1	
	TDM: cutting resistance (N)	A	B	C	D	E	F	X
		≥2	≥5	≥10	≥15	≥22	≥30	
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.

EN 407:2020			Level				Result reached
			1	2	3	4	
	Limited flame spread	After flame time (s)	≤15	≤10	≤3	≤2	X
		After glow time (s)	-	≤120	≤25	≤5	
	Contact Heat	Contact temperature T _c (°C)	≥2,5	≥5,0	≥10,0	≥20,0	1
		Threshold time t _i (s)	≥25	≥50	≥75	-	
	Convective heat	Heat transfer index HTI (s)	≥4	≥7	≥10	≥18	X
	Radiant heat	Heat transfer t ₂₄ (s)	≥7	≥20	≥50	≥95	X
	Small splashes of molten metal	Number of droplets	≥10	≥15	≥25	≥35	X
	Large quantities of molten metal	Cast iron (g)	30	60	120	200	X

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Suitable for food contact		Simulant	Conditions of testing
	Regulation (EC) 1935/2004 - Materials and articles intended to come into contact with food. Regulation (EU) 10/2011 - Plastic materials and articles intended to come into contact with food. D.M. 21/03/1973 s.m.i - The hygiene requirements for packaging, containers and utensils intended to come into contact with foodstuffs or with substances for personal use.	Deionized water (simulant A)	2 h at 40°C
		Ethanol 15% v/v (simulant C)	2 h at 40°C
		Ethanol 50% v/v (simulant D1)	2 h at 40°C

Washing instructions	 Maximum temperature: 40° C	 Do not bleach	 Do not dry in a tumble dryer
ISO 6330 Textiles - Domestic washing and drying procedures for textile testing	 Drying in the shade	 Do not iron	 Do not dry clean

ISO 4650:2012, UNI ISO 4650:2013 + EC 1-2014		Conditions of testing
	Rubber - Identification - Infrared spectrometric methods	< 1%

As specified in the UNI ISO 4650:2013+EC 1-2014 test method, the gloves may contain silicones, but in a quantity not higher than 1%, a minimum threshold beyond which is not possible to determine a value on a scientific basis.