

GEKOFLEX G046

MECHANICAL PROTECTION



Features:

Nitrile palm with dots to enhance grip and abrasion resistance.
New water repellent lining with superior mechanical performances.
Breathability and lack of odours of the nitrile/polyurethane coating.
Excellent dexterity and lightness, but also resistance to abrasion, wear and tear
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.
Silicone-free.

Composition

Coating: nitrile/polyurethane
External finish: nitrile dots on the palm
Lining: water-repellent nylon
Gauge: 15
Colour: grey, black

Application:

small components handling, building and construction, industry, maintenance, setup, mechanical parts assembly, food handling

Packaging:

Code	Quantity
G046-D100	1 dozen (12 single packed gloves)
G046-K100	Carton containing 12 dozen (144 single packed gloves)



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

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.



EXCELLENT DEXTERITY

WATER REPELLENT NYLON LINING



PALM WITH DOTS TO ENHANCE GRIP



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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 6,6


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				Resut 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 _t (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
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.							

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.	Distilled water (simulant A)	2 h at 40°C
		Ethanol 15% v/v (simulant C)	2 h at 40°C
		Olive oil (simulant D)	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.