

**FIBERFOOD G087**

CUT PROTECTION 



**Features:**

Glove designed with the innovative lining FIBERGUARD, conveniently studied and made by COFRA to obtain a high cut resistance, while guaranteeing a high level of flexibility and lightness.  
Lining without glass fibers.  
Ambidextrous.  
Excellent cut resistance.  
Maximum lightness and breathability.  
Useable as an under glove, it can be matched with disposable gloves.  
Certified in compliance with EN 407 standard also thanks to FIBERGUARD lining which grants a good heat resistance having short accidental contacts, keeping on granting cut resistance unlike the polyethylene fiber lining (e.g. HDPE, UHMWPE).  
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 10 washing cycles to optimize resources and consumption to the maximum).


**Composition**

Material: without coating  
Lining: FIBERGUARD  
Gauge: 13  
Colour: light blue

**Application:**

care and beauty, electrical engineering, agri-food industry, Hotel and catering Industry, electronics industry, pharmaceutical industry, fishing, cleaning and services, Healthcare

**Packaging:**

Code	Quantity
G087-B100	1 bag (12 single packed pieces)
 G087-K100	Carton containing 15 bags (180 single packed pieces)

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"



**FOOD CUT RESISTANT GLOVE**

**AMBIDEXTROUS, USEABLE AS AN UNDER GLOVE - IT CAN BE MATCHED WITH DISPOSABLE GLOVES**

**FIBERGUARD**

Composite lining developed by COFRA by joining the features of the most resistant materials on the market, among which UHMWPE and steel (completely without glass fibers). Moreover, the cotton grants softness and good flexibility. The result is a high-performing and thin lining, able to reach the highest level in terms of resistance to cut, even in case of gloves with light polyurethane coatings.

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EN 388:2016  
+A1:2018



2541E

EN 407:2020



x1xxxx




**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 5,95

EN 388:2016+A1:2018	Level						Result reached	
	1	2	3	4	5			
	Abrasion resistance (number of frictions)	≥100	≥500	≥2000	≥8000	-	2	
	Cutting test : blade cut resistance (index)	≥1,2	≥2,5	≥5,0	≥10,0	≥20,0	5	
	Tear resistance (N)	≥10	≥25	≥50	≥75	-	4	
	Puncture resistance (N)	≥20	≥60	≥100	≥150	-	1	
	TDM: cutting resistance (N)	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	E
		≥2	≥5	≥10	≥15	≥22	≥30	
Impact protection	<b>P</b>			<b>ABSENT</b>			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 <sub>c</sub> (°C)	100	250	350	500	1
		Threshold time t <sub>t</sub> (s)	≥15	≥15	≥15	≥15	
	Convective heat	Heat transfer index HTI (s)	≥4	≥7	≥10	≥18	X
	Radiant heat	Heat transfer t <sub>24</sub> (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
	Ethanol 10% v/v (simulant A)	2 h at 70°C
	Acetic acid 3% v/v (simulant B)	2 h at 70°C
	Ethanol 50% v/v (simulant D1)	2 h at 70°C
	Ethanol 95% v/v (simulant D2)	2 h at 70°C

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.

Washing instructions	 Maximum temperature: 70° C	 Do not bleach	 Do not dry in a tumble dryer
<b>ISO 6330</b> Textiles - Domestic washing and drying procedures for textile testing	 Drying in the shade	 Do not iron	 Do not dry clean