

G087 - FIBERFOOD
Cut Protection



EN 388:2016
+A1:2018



2X41E

EN 407:2004



32xxxx

DEXTERITY



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 whitout glass fibers
- Ambidextrous
- Excellent cut resistance
- Maximum lightness and breathability
- Useable as an under glove, it can be matched to disposable gloves
- Certified for the contact with all groups of food
- 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)
- Washable at 90 °C without altering the cut resistance and mechanical performances. Test carried out in COFRA's laboratories. Tested with 15 washing cycles and tumble drying at 60 °C according to ISO 6330 standard. The glove may shrink after washing due to loss of the elastomer elasticity. The glove regains its shape and its functionality by using it again



FOOD CUT RESISTANT GLOVE



AMBIDEXTROUS

USEABLE AS AN UNDER GLOVE, IT CAN BE MATCHED TO DISPOSABLE GLOVES

Lining

FIBERGUARD

Gauge

13

Colour

Light blue

Application

Food industry, fishing industry, meat cutting, fish filleting, poultry boning, slicing, cleaning of slicers or sharp knives, catering, fruit and vegetable processing

Sizes

7 (S)	8 (M)	9 (L)	10 (XL)	11 (XXL)
-------	-------	-------	---------	----------

Lenght

23 cm	24 cm	25 cm	26 cm	27 cm
9"	9,5"	9,9"	10,2"	10,6"

Packaging

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

FIBERGUARD

The sturdiness of steel, the comfort of cotton on the skin

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 level "E" in terms of resistance to cut, even in case of gloves with light polyurethane coatings.



Internal layer

The presence of cotton in contact with the skin increases the comfort, giving a sense of freshness to the hand. At the same time, braided thread of UHMWPE grants excellent resistance.



External layer

The metal filaments, that do not come into contact with the skin because they are coated with other fibers through a special process of metal spinning, provide the glove with an excellent cut resistance and flexibility.



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	3,5 < pH < 9,5	7,15
UNI EN 14362-1/3:2012	Carcinogenic and aromatic amines	≤ 30 ppm	NOT RECORDING
EN ISO 6330:2012	Resistance to washing cycles and tumble drying	COMPLIANT / NOT COMPLIANT	COMPLIANT (15 cycles at 90° C)
EN ISO 21420:2020	Further technical specifications applied	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	-	2
EN 388:2016+A1:2018	Cutting test : blade cut resistance (index)	≥ 1,2	≥ 2,5	≥ 5,0	≥ 10,0	≥ 20,0	X
EN 388:2016+A1:2018	Tear resistance (N)	≥ 10	≥ 25	≥ 50	≥ 75	-	4
EN 388:2016+A1:2018	Puncture resistance (N)	≥ 20	≥ 60	≥ 100	≥ 150	-	1
EN 388:2016+A1:2018 - EN ISO 13997	TDM : cutting resistance (N)	A	B	C	D	E	E
		≥ 2	≥ 5	≥ 10	≥ 15	≥ 22	
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	LEVEL				LEVEL REACHED	
		1	2	3	4		
EN 407:2004 - ISO 6941	Behaviour to fire	Time persistence to flame (s)	≤ 20	≤ 10	≤ 3	≤ 2	3
		Residual glow time (s)	no requirement	≤ 120	≤ 25	≤ 5	
EN 407:2004 - EN 702	Contact Heat	Contact temperature T _c (°C)	100	250	350	500	2
		Threshold time t ₁ (s)	≥ 15	≥ 15	≥ 15	≥ 15	
EN 407:2004 - EN 367	Convective heat	Heat transfer index HTI (s)	≥ 4	≥ 7	≥ 10	≥ 18	x
EN 407:2004 - ISO 6942-B	Radiant heat	Heat transfer t ₂₄ (s)	≥ 7	≥ 20	≥ 50	≥ 95	x
EN 407:2004 - EN 348	Small splashes of molten metal	Number of droplets	≥ 10	≥ 15	≥ 25	≥ 35	x
EN 407:2004 - EN 373	Large splashes 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.

STANDARD / DESCRIPTION	SIMULANT	MINIMUM REQUIREMENT	RESULT REACHED
EU no.10/2011 Regulation Plastic materials and items intended to come in contact with food EN 1186-3:2002 Materials and articles in contact with foodstuffs - Plastics - Test methods for overall migration into aqueous food simulants by total immersion EN 1186-14:2002 Materials and articles in contact with foodstuffs - Plastics - Test methods for 'substitute tests' for overall migration from plastics intended to come into contact with fatty foodstuffs using test media iso-octane and 95 % ethanol Global migration, 2 hours / 70 °C	10% Ethanol (EN 1186-3)	<10 mg/dm ²	<1 mg/dm²
	3% Acetic acid (EN 1186-3)	<10 mg/dm ²	1,6 mg/dm²
	20% Ethanol (EN 1186-3)	<10 mg/dm ²	<1 mg/dm²
	50% Ethanol (EN 1186-3)	<10 mg/dm ²	<1 mg/dm²
	Iso-octane (EN 1186-14)	<10 mg/dm ²	<1 mg/dm²
	95% Ethanol (EN 1186-14)	<10 mg/dm ²	<1 mg/dm²