COFRA BORN TO WORK

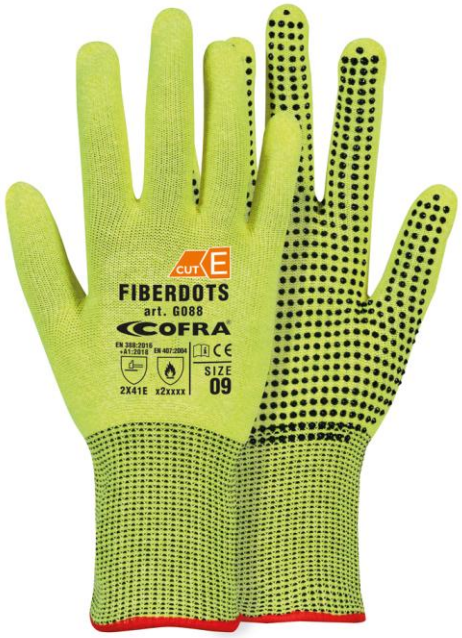
TECHNICAL SHEET

G088 - FIBERDOTS

Cut Protection Nitrile

CE CAT. 2 UK CA

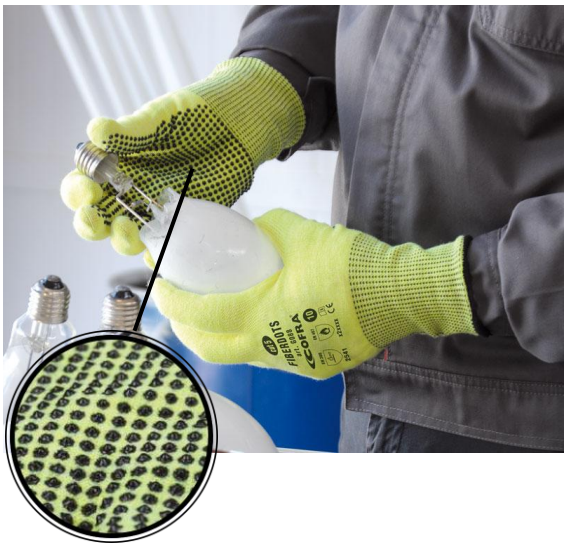
EN 388:2016 +A1:2018 2X41E | EN 407:2004 x2xxxx | DEXTERITY 5 | FIBERGUARD | CUT E



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 • Nitrile palm with dots to enhance grip and abrasion resistance • Maximum breathability • Excellent dexterity and cut resistance • High lightness
Coating	Nitrile dots
Lining	FIBERGUARD
Gauge	13
Colour	Lime green/black
Application	Quality control, glassworks, metal sheets, building and construction, mechanical industry, handling and assembling of sharp objects, industrial warehouse

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”

EXCELLENT FLEXIBILITY OF THE LINING



Packaging	*Code*	*Quantity*
	G088-D100	1 dozen (12 single packed gloves)
	G088-K100	Carton containing 10 dozen (120 single packed gloves)

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FIBERGUARD

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

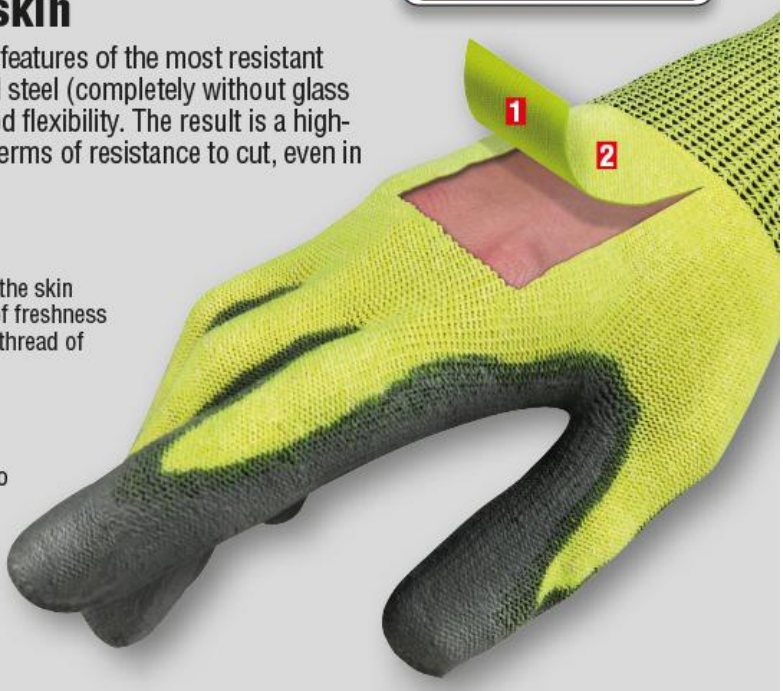
Composite lining developed by COFRA by joining the features of the most resistant materials on the market, among which UHMWPE and steel (completely without glass fibers). Moreover, the cotton grants softness and good flexibility. The result is a high-performing and thin lining, able to reach level “E” 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.



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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	3,5 < pH < 9,5	**7,15**
UNI EN 14362-1/3:2017	Textiles - Methods for determination of certain aromatic amines derived from azo colorants Part 1: Detection of the use of certain azo colorants accessible with and without extracting the fibres Part 3: Detection of the use of certain azo colorants, which may release 4-aminoazobenzene	5 mg/kg	**NOT RECORDING**
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	F	**E**
		≥ 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		LEVEL				LEVEL REACHED
			1	2	3	4	
EN 407:2004 - ISO 6941	Behaviour to fire	Time persistence to flame (s)	≤ 20	≤ 10	≤ 3	≤ 2	**x**
		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_t (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**

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