COFRA
BORN TO WORK

TECHNICAL SHEET

CE CAT. II UK CA

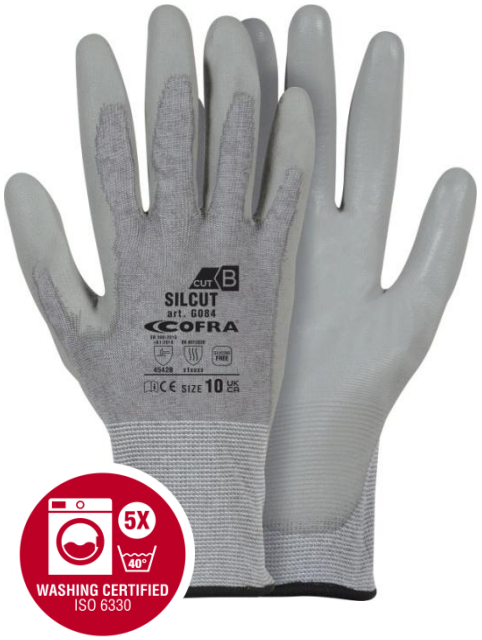
SILCUT G084

CUT PROTECTION CUT B

EN 388:2016 +A1:2018 4542B

EN 407:2020 x1xxxx

Features:
Gloves made with the innovative NEXTOFIL yarn.
Lining without glass fibers.
Lining thickness reduced of 30% compared to the normal cut resistant linings of the same category.
Excellent resistance.
Excellent dexterity.
Light and breathable.
Enhanced thermal insulation, suitable for handling hot objects up to 100 °C during brief contact.
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.



ULTRA-THIN CUT RESISTANT LINING

Composition
Material: polyurethane
Lining: NEXTOFIL yarn, polyester
Gauge: 13
Colour: grey, grey

Application:
agriculture, building and construction, electrical engineering, DIY, chemical industry, paper industry, plastics industry, electronics industry, engineering industry, textiles and leather industry

Packaging:

Code	Quantity
G084-D100	1 dozen (12 single packed gloves)
G084-K100	Carton containing 12 dozen (144 single packed gloves)

Sizes	-	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"

NEXTOFIL

Latest generation material developed by COFRA, without glass fibers.
It guarantees good flexibility and high mechanical performance.
Its thin diameter lends itself very well to weaving with other yarns giving highly resistant linings, without compromising flexibility and softness.

Further technical features:

SILICONE FREE

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.

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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.

EN ISO 21420:2020	Level	Resut 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 7,10

EN 388:2016+A1:2018		Level					Resut 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	5
	Tear resistance (N)	≥10	≥25	≥50	≥75	-	4
	Puncture resistance (N)	≥20	≥60	≥100	≥150	-	2
	TDM: cutting resistance (N)	A	B	C	D	E	F	B
		≥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)	100	250	350	500	1
		Threshold time t_t (s)	≥15	≥15	≥15	≥15	
	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.

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

ISO 4650:2012, UNI ISO 4650:2013 + EC 1-2014		Conditions of testing
SILICONE FREE	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.