COFRA
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TECHNICAL SHEET

G005 - BUCKLER

Cold Protection Nitrile

CE CAT. 2

EN 388:2016 +A1:2018 — 4242X
EN 511:2006 — x2x
DEXTERITY — 5

Features	• *Oil Protection Technology* - Double layer coating resistant to oils and greases • Excellent thermal insulation • Superb grip on oily surfaces, thanks to their special sand finished nitrile coating • The double layer structure makes it warm inside and resistant outside
Coating	Sand finished nitrile coating up to the knuckles, double-layer
Lining	Acrylic inside, nylon outside
Gauge	7 / 15
Colour	Red/black
Application	Mechanical industry, building and construction, agriculture

Sizes	8 (M)	9 (L)	10 (XL)	11 (XXL)
Length	24 cm	25 cm	26 cm	27 cm
	9,5”	9,9”	10,2”	10,6”

RECOMMENDED IN WORK ENVIRONMENTS WITH TEMPERATURE UP TO -20 °C

Packaging	*Code*	*Quantity*
	G005-D100	1 dozen (12 single packed gloves)
	G005-K100A	Carton containing 12 dozen (144 single packed gloves)

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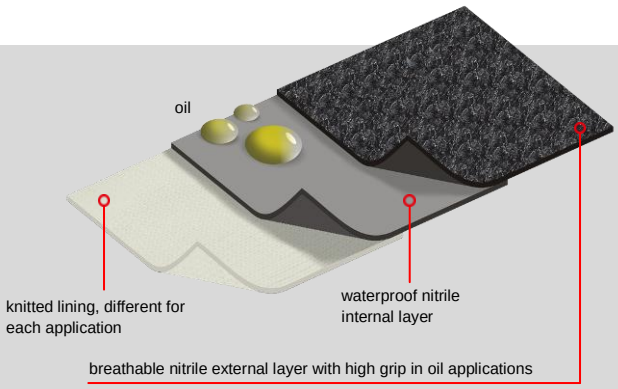
Oil Protection Technology

Double layer coating resistant to oils and greases. The internal layer resists to oil penetration and enhances durability. The sandblasted external layer resists to oils, providing a safe hold. The *Oil Protection Technology* line offers a range of various models, different from each other in terms of use and type of coating.



Mechanical Protection			Cut Protection	Cold Protection
Palm coating	¾ coating	Total coating	Total coating	¾ coating

OILPROOF

Breathability ● ● ●
Impermeability ○ ○ ○
Abrasion resistance ● ● ●

SKINPROOF

Breathability ● ● ○
Impermeability ● ● ○
Abrasion resistance ● ● ●

TOTAL PROOF

Breathability ● ○ ○
Impermeability ● ● ●
Abrasion resistance ● ● ●

BLACK DEEP

Breathability ● ○ ○
Impermeability ● ● ●
Abrasion resistance ● ● ●

BUCKLER

Breathability ● ● ○
Impermeability ● ● ○
Abrasion resistance ● ● ●

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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 (palm)	3,5 < pH < 9,5	**6,6**
EN 420:2003 + A1 2009	pH determination (back)	3,5 < pH < 9,5	**6,0**
EN 420:2003 + A1 2009	pH determination (lining)	3,5 < pH < 9,5	**6,7**
UNI EN 14362-1/3:2012	Carcinogenic and aromatic amines	≤ 30 ppm	**< 5**
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	-	**4**
EN 388:2016+A1:2018	Cutting test : blade cut resistance (index)	≥ 1,2	≥ 2,5	≥ 5,0	≥ 10,0	≥ 20,0	**2**
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	-	**2**
EN 388:2016+A1:2018 - EN ISO 13997	TDM : cutting resistance (N)	A	B	C	D	E	F	**X**
		≥ 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 511:2006	Convective cold	Thermal insulation value I_{TR} (m² K/W)	0,10≤ I_{TR} <0,15	0,15≤ I_{TR} <0,22	0,22≤ I_{TR} <0,30	0,30 ≤ I_{TR}	**x**
EN 511:2006 - ISO 5085-1	Cold contact	Thermal resistance R (m² K/W)	0,025≤ R <0,050	0,050≤ R <0,100	0,100≤ R <0,150	0,150 ≤ R	**2**
EN 511:2006 - ISO 15383	Water resistance *		X Achieved		X Not achieved		**x**

* The performance level 1 indicates that no water transit occurred at the end of the trial period. When this requirement is not fulfilled, it is indicated with performance level 0 and the gloves if they are wet can lose their insulating capacities.

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