COFRA
BORN TO WORK

TECHNICAL SHEET

CE CAT. III UK CA

CHEMITEK G601

CHEMICAL PROTECTION

EN 388:2016+A1:2018 — 4102X
EN ISO 374-1 / Type A — AJKLMNO (A:2 > 30 min, B:0 < 10 min, J:6 > 480 min, K:6 > 480 min, L:3 > 60 min, M:3> 60 min, N:3 > 60 min, O:5 > 240 min)
EN ISO 374-5:2016 — VIRUS

Features:
High protection against viruses, chemical and microbiological agents.
Suitable for handling in total safety dangerous wastes involving risk of infection and/or biological.
100% high quality nitrile.
Thickness of palm increased to 0,38 mm.
High resi stance.
Without latex proteins.
Internally flocked to provide greater comfort and sweat absorption.
The “Diamond” slip resistant finishing provides a good grip which enhances the hold.

Composition
Material: nitrile
Internal finish: flocked, chlorinated
External finish: lozenges (Diamond)
Cuff: straight cuff
Colour: green
Thickness:0,38 mm

Application:
agriculture, animal farming, building and construction, Hotel and catering Industry, chemical industry, wood industry, glass industry, paper industry, pharmaceutical industry, metalworking industry, engineering industry, textiles and leather industry, fishing, cleaning and services

GOOD MECHANICAL AND CHEMICAL RESISTANCE

Packaging:

Code	Quantity
G601-D100	1 dozen (12 single packed gloves)
G601-K100	Carton containing 12 dozen (144 single packed gloves)

Sizes	6 (XS)	7 (S)	8 (M)	9 (L)	10 (XL)	11(XXL)
Length	-	33cm	33cm	33cm	33cm	33cm
	-	13"	13"	13"	13"	13"

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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 ISO 374-1:2016+A1:2018, EN ISO 374-5:2016

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 6,50

EN 388:2016+A1:2018		Level					Result 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	1
	Tear resistance (N)	≥10	≥25	≥50	≥75	-	0
	Puncture resistance (N)	≥20	≥60	≥100	≥150	-	2
	TDM: cutting resistance (N)	A	B	C	D	E	F	X
		≥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 ISO 374-1:2016+A1:2018; EN 16523-1:2015			Result reached		
	Chemicals (Class)	Code Letter	Permeation performance Level	Time measured to penetration (min)	Degradation (%) *
	Methanol (Primary alcohol)	A	2	> 30	55,8
	Acetone (Ketone)	B	0	< 10	95,4
	Acetonitrile (Nitrile compound)	C	not tested	not tested	not tested
	Dichloromethane (Chlorinated hydrocarbon)	D	not tested	not tested	not tested
	Carbon disulphide (Sulphur containing organic)	E	not tested	not tested	not tested
	Toluene (Aromatic hydrocarbon)	F	not tested	not tested	not tested
	Diethylamine (Amine)	G	not tested	not tested	not tested
	Tetrahydrofuran (Heterocyclic and ether compound)	H	not tested	not tested	not tested
	Ethyl acetate (Ester)	I	not tested	not tested	not tested
	N-heptane (Saturated hydrocarbon)	J	6	> 480	25,8
	40% Sodium hydroxide (Inorganic base)	K	6	> 480	-14,5
	96% Sulphuric acid (Inorganic mineral acid, oxidant)	L	3	> 60	77,0
	65% Nitric acid (Inorganic mineral acid, oxidant)	M	3	> 60	93,2
	99% Acetic acid (Organic acid)	N	3	> 60	67,9
	25% Ammonium hydroxide (Inorganic base)	O	5	> 240	-11,7
	30% Hydrogen peroxide (Peroxide)	P	not tested	not tested	not tested
	40% Hydrofluoric acid (Inorganic mineral acid)	S	not tested	not tested	not tested
	37% Formaldehyde (Aldehyde)	T	not tested	not tested	not tested
	Glove type (TYPE A; TYPE B; TYPE C)		TYPE A **		

* The resistance to deterioration is determined by measuring the percentage of perforation resistance of glove material due to continuous contact (for an hour) of glove external surface with the tested chimica product.
** Requirements: 1) Penetration: protective gloves must not show any leak when subjected to air leakage and water leakage tests.; 2) Permeation: Permeation performance must be at least level 2 for a minimum of six test chemical products.

EN ISO 374-5:2016		Result reached	
		Penetration	Protection against VIRUSES
	Protective gloves against viruses, bacteria and fungi	COMPLIANT *	COMPLIANT **

* The gloves that have not leakage when they are tested to penetration resistance defined by EN 374-2:2014 standard are considered as resistant to bacteria and fungi, so they pass both air and water leakage test.
** On the other hand, gloves that are tested according to ISO 16604:2004 standard (procedure B) that do not show any detectable transfer (< 1 PFU/ml) of) PHI- X174 bacteriophage are considered as resistant to viruses (as well as bacteria and fungi).

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