ADVANSAFETY

Product Code: NaturaFL™ 300-11BD

Latex, Flock Lined. 11mil (0.23mm) Household Glove

User Instruction Sheet

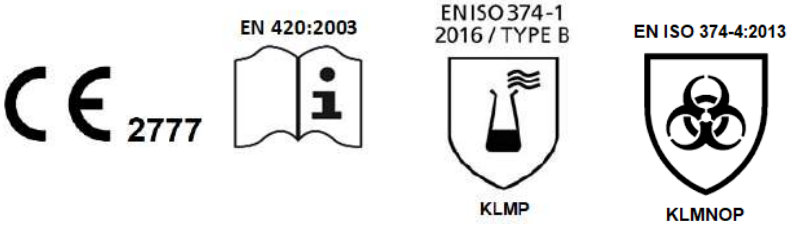
Select the suitable glove size using the label. Before usage, inspect the gloves for any defects. If the gloves are defective, dispose them immediately. If in doubt do not use the gloves, get a new pair of gloves.

EN 420:2003+A1:2009

1. Name and full address of manufacturer or his authorized representative.
   Advansafety, Biyagama Export Processing Zone – A, Walgama, Malwana, Sri Lanka
2. Name & address of the notified body responsible for both EU Type Examination and on-going conformity:
   SATRA Technology Europe Ltd., Bracetown Business Park, Clonee, Dublin 15, D15 YN2P, Ireland, NB No.: 2777
3. Glove designation (name or reference):
   300-11BD- Latex, Flock Lined. 11mil (0.23mm) Household Glove (yellow/apple green/pastal green/pink/light blue/dark blue)
4. Information on the available size range Full Dipped Sizes: Small, Medium, Large
5. Reference to the relevant specific European standards

EN 388:2016
EN 420:2003+A1:2009
EN ISO 374-1:2016
EN ISO 374-2:2014
EN16523-1:2015
EN ISO 374-4:2013

Pictogram followed by the performance levels.



Certified performance level of the product as follows. Product is considered to be Category III of PPE hand protection and certified in accordance with PPE regulation (EU) 2016/425

BS EN 388:2016 Protective Gloves against mechanical risks

Clause	Test Name	Result						Performance level
6.1	Abrasion Resistance Protection Part : Palm	Sample #			Break Through Between / (Rubs)			Level - 2
		1			500 - 2000			
		2			500 - 2000			
		3			500 - 2000			
		4			500 - 2000			
		Observation : Break through occurred before 2000 rubs						
6.2	Blade cut Resistance (Coupe test) Protection Part : Palm	Sample #	Blade cut index / (index)					Level - 0
		1	1.09	1.1	1.1	1.1	1.1	
			Mean : 1.10					
		2	1.09	1.09	1.09	1.09	1.08	
			Mean : 1.08					
6.4	Tear Resistance Protection Part : Palm	Sample #			Maximum Force (N)			Level - 1
		1			18.5			
		2			19.6			
		3			13.9			
		4			15.8			
6.5	Puncture Resistance Protection Part : Palm	Sample #			Maximum Force (N)			Level - 0
		1			10.3			
		2			9.5			
		3			10			
		4			11.2			

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Note: Sample not dulling the blade of coupe cut test (number of cycles on control specimen after first sequence is not greater than 3 times of initial control fabric value)

Requirement as per BS EN 388:2016

Clause/ Test Name	Level 1	Level 2	Level 3	Level 4	Level 5
6.1 Abrasion resistance (Number of rubs)	100	500	2000	8000	-
6.2 Coupe test: Blade cut resistance (index)	1.2	2.5	5.0	10.0	20.0
6.4 Tear Resistance (N)	10	25	50	75	-
6.5 Puncture resistance (N)	20	60	100	150	-

EN 420:2003 + A1:2009 Protective Gloves - General requirements and test methods

Clause	Test Name	Results				Average	Standard sizing
5.1	Sizing Declared size 6-61/2 Circumference (mm) Length (mm)		195 304		198 293	196.5 300.0	71/2
	Declared size 7-71/2 Circumference (mm) Length (mm)		210 305		214 304	212.0 304.5	8
	Declared size 8-81/2 Circumference (mm) Length (mm)		224 306		225 305	224.5 305.5	81/2
5.2	Dexterity Smallest Pin Diameter (mm)	5	5	5	5	5	Performance Level 5

pH Value

With reference to ISO 3071:2005/ Analysis by pH meter

Extraction Solution : KCL

GLOVES - YELLOW		
Value	7.4	3.5 - 9.5
GLOVES - APPLE GREEN		
Value	7.8	3.5 - 9.5
GLOVES - PASTEL GREEN		
Value	7.4	3.5 - 9.5
GLOVES - PINK		
Value	7.7	3.5 - 9.5
GLOVES - LIGHT BLUE		
Value	7.7	3.5 - 9.5
GLOVES - DARK BLUE		
Value	7.7	3.5 - 9.5

Note : pH value of extraction medium : 5.0 – 7.5
Temperature of the extraction solution : $25 \pm 2^{0}C$

Note : Requirements given as per EN 420:2003 + A1:2009 (Clause:4.3.2)

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EN 374:2014 Protective gloves against chemical and micro-organisms - Part-2: Determination of Resistance Penetration

Clouse	Test Name	Test Results		Performance level
4.1	Air leak Test (Air Pressure Used : 2.0kPa)	Specimen #	Leakage	Pass
		$6\text{-}6^{1/2}$	No Leakage	
		$7\text{-}7^{1/2}$	No Leakage	
		$8\text{-}8^{1/2}$	No Leakage	
		$8\text{-}8^{1/2}$	No Leakage	
4.2	Water leak test	Specimen #	Leakage	Pass
		$6\text{-}6^{1/2}$	No Leakage	
		$7\text{-}7^{1/2}$	No Leakage	
		$7\text{-}7^{1/2}$	No Leakage	
		$8\text{-}8^{1/2}$	No Leakage	

EN 16532-1:2015 Determination of material resistance to permeation by chemicals - Part-1: Permeation by Liquid chemical under conditions of Continuous contact.

Chemical CAS NO	Loop System / Collection medium	Analytical technique used	Mean thickness (mm)	NBT at NPR 1.0 m cm-2 min-1 (minutes)	Performance Level accordance to EN ISO 374-1:2016 Table 1	Observation
Sodium hydroxide 40% 1310-73-2	Closed loop/ Grade 3 water	Continuous measurement with conductivity electrode	0.40 0.41 0.41	> 480 > 480 > 480	Level - 6	No change
Sulphuric acid 96% 7664-93-9	Closed loop/ Grade 3 water	Continuous measurement with conductivity electrode	0.41 0.41 0.40	53 52 55	Level - 2	Servere swelling & color change
Nitric Acid 65% 7697-37-2	Closed loop/ Grade 3 water	Continuous measurement with conductivity electrode	0.40 0.41 0.41	135 129 137	Level - 4	Moderate swelling
Acetic Acid 99% 64-19-7	Closed loop/ Grade 3 water	Continuous measurement with conductivity electrode	0.40 0.41 0.41	08 07 06	Level - 0	Slight swelling
Ammonia 25% 1336-21-6	Closed loop/ Grade 3 water	Continuous measurement with conductivity electrode	0.41 0.40 0.41	05 03 04	Level - 0	Slight swelling
Hydrogen peroxide 30% 7722-84-1	Closed loop/ Grade 3 water	Continuous measurement with conductivity electrode	0.41 0.41 0.40	40 42 45	Level - 2	Slight swelling

Levels of performance EN 374 - 1:2016

Level	Measured breakthrough time (minutes)
1	>10
2	>30
3	>60
4	>120
5	>240
6	>480

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EN 374-2:2013 Protective Gloves against Chemical and Micro Organism - Determination of resistance to degradation by chemicals

Chemical/ CAS NO	Exposure Duration	Test Results Percentage change in puncture resistance		Observation
Sodium hydroxide 40% 1310-73-2	60±5 minutes	Glove Sample	Result (%)	No Change
		1	29.6	
		2	29.7	
		3	20.1	
		Mean	26.5	
		Standard Deviation	5.509	
Sodium hydroxide 96% 7664-93-9	60±5 minutes	Glove Sample	Result (%)	No Change
		1	62.5	
		2	63	
		3	63	
		Mean	62.9	
		Standard Deviation	0.274	
Nitric Acid 65% 7697-37-2	60±5 minutes	Glove Sample	Result (%)	Moderate swelling
		1	55.2	
		2	49.7	
		3	59.4	
		Mean	54.8	
		Standard Deviation	4.844	
Acetic Acid 99% 64-19-7	60±5 minutes	Glove Sample	Result (%)	Slight swelling
		1	35.5	
		2	31.2	
		3	34.6	
		Mean	33.7	
		Standard Deviation	2.281	
Ammonia 25% 1336-21-6	60±5 minutes	Glove Sample	Result (%)	Slight swelling
		1	16.8	
		2	20.4	
		3	16.6	
		Mean	17.9	
		Standard Deviation	2.159	
Hydrogen peroxide 30% 7722-84-1	60±5 minutes	Glove Sample	Result (%)	Slight swelling
		1	23.9	
		2	21.3	
		3	21.8	
		Mean	22.1	
		Standard Deviation	1.551	

6. Basic explanation: The end user needs to know what the levels means under the pictogram.
7. Product does not contain any known substances that may cause harm to the wearer's health and there is no possible allegiance.
8. Instructions for decontamination: When reusing the gloves, it is recommended to dispose after use that day. Gloves may be cleaned and rinsed while being worn. Scrub gloves thoroughly with a light cleaning agent for proper cleaning and dis-infecting. Use detergent with compatible chemicals then rinse and hand dry.
9. Disposal: Treat contaminated use gloves as bio-hazard and to be disposed professionally. Information can be obtained from the relevant waste disposal authorities. After carrying into contact with chemicals dispose the product in accordance with disposal regulation for the relevant chemicals.
10. Declaration of conformity can be viewed by visiting this link. http://www.advansafety.online
11. Warning:
    a. Gloves not be worn when there is a risk of entanglement by moving parts of machines and the glove must not come in contact with a naked flame.
    b. This information does not reflect the actual duration of protection in the workplace and the differentiation between mixtures and pure chemicals

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c. The chemical resistance has been assessed under laboratory conditions from samples taken from the palm only (except in cases where the glove is equal to or over 400mm-where the cuff is tested also) and relates only to the chemical tested. It can be different if the chemical is used in a mixture.

d. It is recommended to check that the gloves are suitable for the intended use because the conditions at the workplace may differ from the type test depending on temperature, abrasion and degradation.

e. When used, protective gloves may provide less resistance to the dangerous chemical due to changes in physical properties. Movements, snagging, rubbing, degradation caused by the chemical contact may reduce

The actual use time significantly. For corrosive chemicals, degradation can be the most important factor to consider in selection of chemical resistant gloves.

f. Before usage, inspect the gloves for any defect or imperfections.

12. Storage & maintenance:

The gloves should be stored in the original packing at a dry and clean place. Please avoid exposing the glove to high temperature, humidity or direct sunlight light.

13. Shelf life of product:

Recommended shelf life of product is 5 years under controlled environment condition, product should store away from direct sunlight & away from humidity. Temperature of warehouse should not exceed more than 35 degree Celsius, product should store under proper packaging.

Manu. Date	Xx/xx/xxxx
Exp. Date	Xx/xx/xxxx

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