

MAXTERRTM
PREMIUM QUALITY

MAXTERRTM
PREMIUM QUALITY



Small



100 Gloves
BY WEIGHT

COBALT BLUE NITRILE EXAMINATION GLOVES
PREMIUM QUALITY • FINGER TEXTURED • NON-STERILE • AMBIDEXTROUS

POWDER FREE

MAXTER™ PREMIUM QUALITY

Powder-free disposable examination gloves made of nitrile
 Gants d'examen sans poudre à usage unique en nitrile
 Poeder-vrije disposable onderzoeks handschoenen uit nitril
 Guanti monouso per esplorazione senza polvere in nitrile
 Guantes de un solo uso para reconocimiento de nitrile

For Single Use

100 Gloves BY WEIGHT

MADE IN MALAYSIA

CAUTION: Primary Material-Nitrile Rubber. Does not contain Natural Rubber Latex.

Components used in making gloves may cause allergic reactions in some users.

Good quality nitrile gloves provide an excellent biological barrier.

Store in cool, dry place, avoid excessive heat (40°C, 104°F). Open box should be shielded from exposure to direct sun or fluorescent lighting.



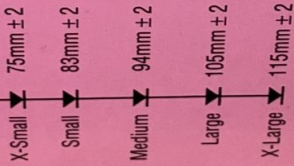
Medical Device Regulation 2017/745	Class I
PPE Regulation (EU) 2016/425	Category III



Glove conforms to EN455 Parts 1,2,3 & 4

EU Type Examination at SATRA Technology Europe Limited. (CE 2777) Bracetown Business Park, Clonee, D15YN2P, Ireland.

Conformity assessment based on Regulation (EU) 2016/425 Annex VIII (Module D) by: SGS FIMKO OY (CE 0598), P.O. Box 30 (Särkiniementie 3), 00211 Helsinki, Finland



Manufactured By:

Maxter Glove Manufacturing Sdn Bhd
 Lot 6070, Jalan Haji Abdul Manan
 6th Miles Off Jalan Meru, 41050 Klang
 Selangor, Malaysia
 Tel No : 6.03.33929888
 Fax No : 6.03.33923328
 E-mail : info@maxter.com.my

UK REP

SUPERMAX HEALTHCARE LIMITED
 12-16 Titan Drive, Fengate,
 Peterborough, PE1 5XN,
 United Kingdom

EC REP

SUPERMAX HEALTHCARE (EUROPE) LIMITED
 38 Main Street, Swords,
 Co. Dublin, Ireland
 K67 E0A2



Lot No: NB000016671

Date of Manufacture : 2020-11
 Date of Expiry : 2023-11

S.M.

MAXTER

100 Gloves
BY WEIGHT

COBALT BLUE NITRILE EXAMINATION GLOVES
PREMIUM QUALITY · FINGER TEXTURED · NON-STERILE · AMBIDEXTROUS

Small



MAXTERTM

PREMIUM QUALITY

- GER Puderfreie Einmal-Untersuchungshandschuhe aus reinem nitrile
- ENG Powder free disposable examination gloves made of nitrile
- FRA Gants d'examen sans poudre a usage unique en nitrile
- DUT Poedervrije disposable onderzoekhanschoenen uit nitrile
- ITA Guanti monouso per esplorazione senza polvere in nitrile
- ESP Guantes de un solo uso para reconocimiento de nitrile

For Single Use

100 Gloves BY WEIGHT

COM

100 GLOVES
BY WEIGHT

PREMIUM QUALITY

MAXTER™

MAXTER™

PREMIUM QUALITY

COBALT BLUE NITRILE EXAMINATION GLOVES

● **X-Small**
X-Klein, X-Petit,
X-Piccola
(MX93775)

● **Small**
Klein, Petit,
Piccola
(MX93776)

● **Medium**
Mittel, Moyen,
Media
(MX93777)

● **Large**
Gröss, Grand,
Grande
(MX93778)

● **X-Large**
X-Gross, X-Grand,
X-Grande
(MX93779)

Test Report No. : CRSSA/200539200-CA37890
Company : Maxter Glove Manufacturing Sdn Bhd
Lot 6070, Jalan Haji Abdul Manan, 6th Miles Off Jalan Meru,
41050 Klang, Selangor Darul Ehsan, Malaysia.

TEST REPORT

Sample Description : Nitrile Powder Free Examination Gloves
(2.2mil – Cobalt Blue, Purple Blue, Regular Blue, Sky Blue, White, Orange, Clear)
Lot No. : B0012 14795
Manufacturer : Maxter Glove Manufacturing Sdn Bhd
Size : Medium
Quantity Tested : 200 pieces
Test Conducted : Freedom from holes
Test Method : EN455 Part 1:2000
Testing Period : 15 May 2020 – 02 June 2020

Based on submitted samples, the following results obtained :-

Acceptable Quality Limit (AQL) : 1.5 Accept : 7 Found : 0

Result : Within AQL

SIGNED FOR AND ON BEHALF OF
SGS (MALAYSIA) SDN BHD



.....
CHEE TUCK CHOON
SECTION HEAD
IKM No. M/3983/6401/12/14

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Test Report No. : CRSSA/200539200-CA37890
Company : Maxter Glove Manufacturing Sdn Bhd
Lot 6070, Jalan Haji Abdul Manan, 6th Miles Off Jalan Meru,
41050 Klang, Selangor Darul Ehsan, Malaysia.

TEST REPORT

Sample Description : Nitrile Powder Free Examination Gloves
 (2.2mil – Cobalt Blue, Purple Blue, Regular Blue, Sky Blue, White, Orange, Clear)
 Lot No. : B0012 14795
 Manufacturer : Maxter Glove Manufacturing Sdn Bhd
 Size : Medium
 Quantity Tested : 13 pieces
 Test Conducted : Dimensions
 Test Method : EN 455 Part 2:2015
 Testing Period : 15 May 2020 – 02 June 2020

Based on submitted samples, the following results obtained :-

Size	M	M	M	M	M	M	M	M	M	M	M	M	M	Median
Width Median: 95±10mm	95	95	95	95	95	95	95	95	95	95	95	95	95	95
Length Median: ≥ 240mm	240	250	247	253	248	250	241	243	241	245	247	245	244	245

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Test Report No. : CRSSA/200539200-CA37890
Company : Maxter Glove Manufacturing Sdn Bhd
Lot 6070, Jalan Haji Abdul Manan, 6th Miles Off Jalan Meru,
41050 Klang, Selangor Darul Ehsan, Malaysia.

TEST REPORT

Sample Description : Nitrile Powder Free Examination Gloves
 (2.2mil – Cobalt Blue, Purple Blue, Regular Blue, Sky Blue, White, Orange, Clear)
 Lot No. : B0012 14795
 Manufacturer : Maxter Glove Manufacturing Sdn Bhd
 Size : Medium
 Quantity Tested : 13 pieces per each
 Test Conducted : Force at Break During Shelf Life and After Challenge
 Test Method : EN 455 Part 2:2015
 Ageing : 70 ± 2 Deg C for 168 hrs
 Testing Period : 15 May 2020 – 02 June 2020

SIZE	SAMPLE NO.	Force at Break, N	
		<u>BEFORE AGING</u>	<u>AFTER AGING</u>
M	1	7.4	7.5
	2	7.2	6.5
	3	8.0	7.4
	4	7.3	7.6
	5	6.8	7.5
	6	7.3	6.8
	7	7.3	7.2
	8	7.2	7.6
	9	7.7	7.8
	10	7.2	7.7
	11	7.6	8.3
	12	7.3	7.8
	13	7.2	8.0
Median		7.3	7.6
Requirement		≥ 6.0	≥ 6.0

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Test Report No. : CRSSA/200539200-CA37890
Company : Maxter Glove Manufacturing Sdn Bhd
Lot 6070, Jalan Haji Abdul Manan, 6th Miles Off Jalan Meru,
41050 Klang, Selangor Darul Ehsan, Malaysia.

TEST REPORT

Sample Description : Nitrile Powder Free Examination Gloves
(2.2mil – Cobalt Blue, Purple Blue, Regular Blue, Sky Blue, White, Orange, Clear)
Lot No. : B0012 14795
Manufacturer : Maxter Glove Manufacturing Sdn Bhd
Size : Medium
Quantity Tested : 5 pieces
Test Conducted : Powder Content
Test Method : EN455 Part 3:2015
Testing Period : 15 May 2020 – 02 June 2020

On testing the samples, the following results were obtained:-

<u>SIZE</u>	<u>Average Powder Mass per Glove</u>
M	0.30mg

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EU Type-Examination Certificate

Certificate number: 2777/12706-01/E00-00

This EU Type-Examination Certificate covers the following product group(s) supported by testing to the relevant standards/technical specifications and examination of the technical file documentation:
 Following the EU Type-Examination this product group has been shown to satisfy the applicable essential health and safety requirements of Annex II of the PPE Regulation (EU) 2016/425 as a Category III product.

Product reference:

PFSN-FTCB
 PFSN-FTP
 PFSN-FTRB
 PFSN-FTSB
 PFSN-FTW
 PFSN-FTO
 PFSN-FTCR

Description:

Non sterile powder free nitrile examination glove, 2.2 mil
 Available in colours: Cobalt Blue, Purple Blue, Regular Blue, Sky Blue, White, Orange and Clear

Sizes:

Extra Small – 6
 Small – 7
 Medium – 8
 Large – 9
 Extra Large – 10

Classification:

EN ISO 374-1:2016 Type B

n-Heptane (J)
 Sodium hydroxide 40% (K)
 Formaldehyde 37% (T)
 Hydrogen peroxide 30% (P)

Level	EN 374-4: 2013
2	51.4%
6	-36.1%
5	16.7%
1	48.7%

EN ISO 374-5: 2016

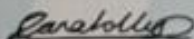
Protection against bacteria & fungi
 Protection against viruses

Level
Pass
Pass

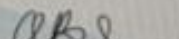
Standards/Technical specifications applied:
 EN ISO 374-1:2016; EN ISO 374-5:2016; EN 420: 2003+A1: 2009

Technical reports/Approval documents:
 SATRA: CHM0277509/1844/JH/I, CHM0277509/1844/JH/H, CHM0277509/1844/JH/J, CHM0277509/1844/JH/AA/Final,
 CHM0277509/1844/SPT/2
 CENTEXBEL: 17.00808.02

Signed on behalf of SATRA:



Tara Holly



Quincey Brown

Date first issued: 16/05/2019

Date of issue: 16/05/2019

Expiry date: 16/05/2024



M A X T E R
GLOVE MANUFACTURING SDN BHD
(229862-H)

Lot 6070, Jalan Haji Abdul Manan
6th Miles Off Jalan Meru
41050 Klang, Selangor, Malaysia
Tel: 603-33929888 (8 lines) Fax: 603-33923328
E-MAIL: maxter@tm.net.my
www.maxter.com.my

Date: 22 April 2020

To Whom It May Concern

EU DECLARATION OF CONFORMITY

We, **MAXTER GLOVE MANUFACTURING SDN. BHD.** located at Lot 6070, Jalan Haji Abdul Manan, 6th Miles Off Jalan Meru, 41050 Klang, Selangor, Malaysia, declares under our sole responsibility that the medical devices described hereafter as :-

- **Non Sterile Powdered Latex Examination Gloves**
 - **Non Sterile Powder Free Latex Examination Gloves**
 - **Non Sterile Powder Free Nitrile Examination Gloves**
-
- Are in conformity with the general safety and performance requirements of Annex I Medical Device Regulation (EU) 2017/745 for Class I medical devices.
 - Classification: Class I based on Rule 5 transient use, Annex VIII of Medical Device Regulation (EU) 2017/745.
 - Are in conformity with the national standard transposing harmonized standard EN 455.
 - The gloves are manufactured according to ISO 9001:2015 and EN ISO 13485:2016 Quality Management Systems and certified by Notified Body, SGS United Kingdom Ltd Systems & Services Certification.
 - Our Authorized Representative is Supermax Healthcare (Europe) Limited, 38 Main Street, Swords Co. Dublin, Ireland K67 E0A2.

Klang, Selangor
Malaysia



Yap Peak Chee
QA & Regulatory Affairs Manager



Shelf Life Determination (Real Time Study) Test Report

1. Purpose:

To determine the shelf life for examination gloves in its final configuration.

2. Scope :

This study covers 2.2 Mil Powder Free Nitrile Examination Gloves produced at Maxter Glove Manufacturing Sdn. Bhd. The study serves to determine the shelf life of gloves based on real time aging study.

The need for an expiration date is primarily based on the potential for a critical aspect of the product to deteriorate, resulting in a patient/user safety risk.

3. Referenced Documents:

EN 455-1: Requirements and testing for freedom from holes.

EN 455-2:2009+A1:2011(E) Requirements and testing for physical properties.

EN 455-4: 2009 Requirements and testing for shelf life determination.

(Annex A method for the determination of shelf life by real time stability studies)

4. Shelf life claims shall not exceed 3 years based on accelerated aging study and not more than 5 years based on real time aging study.



Shelf Life Determination (Real Time Study) Test Report

5. Test Procedure :-

a) Real Time Aging (Stability Test)

(i) Sufficient number of gloves shall be placed in a specified environment and conditioned to assess at intervals of one year or less. Pack 3 lots of gloves in its final packaging configuration.

(ii) Record the manufacturing batch no., date of manufacture (time zero) of these lots of gloves and its packing lot no.

(iii) Stored the gloves under actual warehouse conditions (uncontrolled environment). Indicate the location of warehouse, average annual temperature & humidity of warehouse.

(iv) The lots of gloves shall be tested individually and meet requirements of the appropriate EN Standard with respect to freedom from holes, gloves dimension and force at break testing (Refer Table 1).

Table 1 :

No of sample (pcs.)	Freedom from holes		Median of Force at Break (Aged)		Dimensions (width, length, thickness)	
	According to ISO 2859-1 Inspection level G1, AQL 1.5		Min. Req. ≥ 6 N		Acc	Rej
	Acc	Rej	Acc	Rej		
200	7	8	-	-	-	-
13	-	-	Median value ≥ 6 N	Median value < 6 N	Median value meet minimum requirements	Median value does not meet minimum requirements

(v) Testing shall be performed continuously at a minimum yearly interval up to five years for these 3 lots of gloves. Each lot must pass all the requirements of the test as stated in Table 1 to allow a shelf life claim for the stated interval. However, no glove shall be labeled with an expiration date for more than 5 years from its date of manufacture.

(vi) Upon completion of the above procedures, the shelf life claim shall be up to that period, not to exceed five years, for which the gloves have complied with the requirements of the EN455-4 standard.



M A X T E R

GLOVE MANUFACTURING SDN BHD
(229862-H)

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Tel: 603-33929888 (8 lines) Fax: 603-33923328
E-MAIL: maxter@tm.net.my
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Shelf Life Determination (Real Time Study) Test Report

6 Sample Details :-

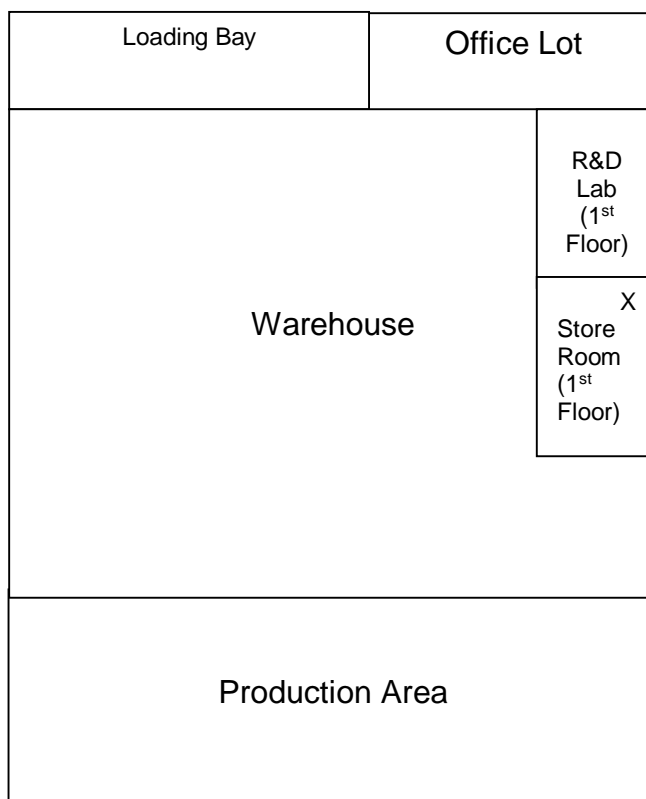
Type of glove : **2.2 Mil Powder Free Nitrile Examination Gloves**

Size : **Medium**

Production : **Line 3**

Production batch no.	B12/150/3	A5/59/3	A11/137/3
Packing batch no.	80222 38615	80222 38616	80222 38617
Manufacturing date	15/6/2010	15/6/2010	15/6/2010
Production Time	10am	5pm	11pm
Compounding Batch	120-2010H14-2789	120-2010H14-2790	120-2010H14-2791
TSC %	12.85%	12.77%	12.74%
Compounding Date	14/6/2010	14/6/2010	14/6/2010
Maturation Hours	26 Hours	27 Hours	26 Hours

7. Location of sample :



X - indicates the location of glove sample.



Shelf Life Determination (Real Time Study) Test Report

8. Test Result

Time Interval	Date of Testing	Temperature	Humidity
Time Zero	16/6/2010	Ambient (29°C)	Ambient (81%)

1. Batch no : 80222 38615

a) Freedom from Holes

Date of Testing:

Gloves	Sample size and specification
80222 38615	Sample size: Inspection Level G-1, but not less than 200 gloves. AQL = 1.5
Conclusion	Watertight test undertaken: 1 defect observed. Pass Inspection criteria : Ac/Re : 7/8

b) Force at Break

Sample no	Force at Break (N)
Sample 1	6.54
Sample 2	6.32
Sample 3	7.17
Sample 4	6.22
Sample 5	6.59
Sample 6	6.77
Sample 7	6.14
Sample 8	6.13
Sample 9	6.87
Sample 10	6.33
Sample 11	6.74
Sample 12	6.55
Sample 13	6.15
EN-455-2	6.0 N
Median	6.54 N
Conclusion : Pass	

c) Dimension (width, length, thickness)

Sample no	Length (mm)	Width (mm)	Thickness (mm)		
			Cuff	Palm	Finger
Sample 1	243	94	0.05	0.06	0.09
Sample 2	240	94	0.05	0.06	0.11
Sample 3	242	94	0.05	0.06	0.10
Sample 4	246	94	0.05	0.05	0.10
Sample 5	243	93	0.05	0.05	0.11
Sample 6	244	94	0.05	0.06	0.10
Sample 7	240	95	0.05	0.06	0.09
Sample 8	243	93	0.05	0.05	0.10
Sample 9	243	94	0.05	0.06	0.10
Sample 10	245	92	0.05	0.06	0.11
Sample 11	241	93	0.05	0.05	0.10
Sample 12	240	94	0.05	0.05	0.09
Sample 13	245	95	0.05	0.05	0.11
EN-455-2	240 min	95±10	-	-	-
Median	243	94	0.05	0.06	0.10
Conclusion	Pass	Pass	Pass	Pass	Pass



MAXTER

GLOVE MANUFACTURING SDN BHD
(229862-H)

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E-MAIL: maxter@tm.net.my
www.maxter.com.my

Shelf Life Determination (Real Time Study) Test Report

2. Batch no : 80222 38616

a) Freedom from Holes

Gloves	Sample size and specification
80222 38616	Sample size: Inspection Level G-1, but not less than 200 gloves. AQL = 1.5
Conclusion	Watertight test undertaken: 2 defects observed. Pass Inspection criteria : Ac/Re : 7/8

b) Median of Force at Break

Sample no	Force at Break (N)
Sample 1	6.17
Sample 2	6.22
Sample 3	6.59
Sample 4	6.77
Sample 5	6.14
Sample 6	6.13
Sample 7	6.87
Sample 8	6.33
Sample 9	6.88
Sample 10	6.45
Sample 11	6.29
Sample 12	6.45
Sample 13	6.55
EN-455-2	6.0 N
Median	6.45 N
Conclusion : Pass	

c) Dimension(width, length, thickness)

Sample no	Length (mm)	Width (mm)	Thickness (mm)		
			Cuff	Palm	Finger
Sample 1	243	94	0.05	0.06	0.09
Sample 2	246	94	0.05	0.06	0.11
Sample 3	241	93	0.05	0.05	0.11
Sample 4	243	94	0.05	0.05	0.10
Sample 5	242	94	0.05	0.06	0.09
Sample 6	244	93	0.05	0.06	0.10
Sample 7	243	95	0.05	0.05	0.10
Sample 8	243	94	0.05	0.06	0.09
Sample 9	242	94	0.05	0.05	0.10
Sample 10	241	94	0.05	0.05	0.09
Sample 11	244	93	0.05	0.06	0.10
Sample 12	243	93	0.05	0.05	0.11
Sample 13	245	95	0.05	0.05	0.11
EN-455-2	240 min	95±10	-	-	-
Median	243	94	0.05	0.05	0.10
Conclusion	Pass	Pass	Pass	Pass	Pass

**MAXTER**GLOVE MANUFACTURING SDN BHD
(229862-H)Lot 6070, Jalan Haji Abdul Manan
6th Miles Off Jalan Meru
41050 Klang, Selangor, Malaysia
Tel: 603-33929888 (8 lines) Fax: 603-33923328
E-MAIL: maxter@tm.net.my
www.maxter.com.my**Shelf Life Determination (Real Time Study) Test Report****3. Batch no : 80222 38617****a) Freedom from Holes**

Gloves	Sample size and specification
80222 38617	Sample size: Inspection Level G-1, but not less than 200 gloves. AQL = 1.5
Conclusion	Watertight test undertaken: 0 defect observed. Pass Inspection criteria : Ac/Re : 7/8

b) Median of Force at Break

Sample no	Force at Break (N)
Sample 1	6.18
Sample 2	6.54
Sample 3	6.91
Sample 4	6.77
Sample 5	6.46
Sample 6	6.67
Sample 7	7.02
Sample 8	6.59
Sample 9	6.87
Sample 10	7.04
Sample 11	6.53
Sample 12	6.87
Sample 13	6.33
EN-455-2	6.0 N
Median	6.67 N
Conclusion : Pass	

c) Dimension(width, length, thickness)

Sample no	Length (mm)	Width (mm)	Thickness (mm)		
			Cuff	Palm	Finger
Sample 1	243	94	0.05	0.05	0.09
Sample 2	243	95	0.05	0.06	0.09
Sample 3	244	93	0.05	0.05	0.10
Sample 4	245	95	0.05	0.05	0.10
Sample 5	244	95	0.05	0.06	0.11
Sample 6	241	95	0.05	0.05	0.10
Sample 7	241	95	0.05	0.05	0.10
Sample 8	244	94	0.05	0.06	0.11
Sample 9	245	94	0.05	0.05	0.10
Sample 10	242	96	0.05	0.05	0.10
Sample 11	244	94	0.05	0.06	0.09
Sample 12	244	95	0.05	0.06	0.09
Sample 13	241	94	0.05	0.05	0.11
EN-455-2	240 min	95±10	-	-	-
Median	244	95	0.05	0.05	0.10
Conclusion	Pass	Pass	Pass	Pass	Pass

Conclusion :

All 3 lots of gloves had met the requirements of EN455 standards with respect to freedom from holes, force at break and dimension at time zero. Testing shall be continued at yearly basis for at least 5 years and the test results shall be reported every year.



Shelf Life Determination (Real Time Study) Test Report

Time Interval	Date of Testing	Temperature	Humidity
1 st Year	23/6/2011	Ambient (29 °C)	Ambient (81%)

1. Batch no : 80222 38615

a) Freedom from Holes

Gloves	Sample size and specification
80222 38615	Sample size: Inspection Level G-1, but not less than 200 gloves. AQL = 1.5
Conclusion	Watertight test undertaken: 1 defect observed. Pass Inspection criteria : Ac/Re : 7/8

b) Force at Break

Sample no	Force at Break (N)
Sample 1	6.17
Sample 2	6.84
Sample 3	6.50
Sample 4	6.67
Sample 5	6.55
Sample 6	6.37
Sample 7	6.51
Sample 8	7.04
Sample 9	6.25
Sample 10	6.22
Sample 11	6.75
Sample 12	6.69
Sample 13	6.46
EN-455-2	6.0 N
Median	6.51 N
Conclusion : Pass	

c) Dimension(width, length, thickness)

Sample no	Length (mm)	Width (mm)	Thickness (mm)		
			Cuff	Palm	Finger
Sample 1	242	93	0.05	0.06	0.11
Sample 2	240	94	0.05	0.06	0.09
Sample 3	244	94	0.05	0.05	0.11
Sample 4	244	93	0.05	0.06	0.10
Sample 5	240	95	0.05	0.06	0.10
Sample 6	241	93	0.05	0.06	0.10
Sample 7	242	94	0.05	0.05	0.11
Sample 8	244	93	0.05	0.06	0.10
Sample 9	245	95	0.05	0.05	0.11
Sample 10	243	94	0.05	0.06	0.11
Sample 11	245	95	0.05	0.06	0.10
Sample 12	243	94	0.05	0.05	0.11
Sample 13	246	95	0.05	0.05	0.11
EN-455-2	240 min	95±10	-	-	-
Median	243	94	0.05	0.06	0.11
Conclusion	Pass	Pass	Pass	Pass	Pass



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Shelf Life Determination (Real Time Study) Test Report

2. Batch no : 80222 38616

a) Freedom from Holes

Gloves	Sample size and specification
80222 38616	Sample size: Inspection Level G-1, but not less than 200 gloves. AQL = 1.5
Conclusion	Watertight test undertaken: 2 defects observed. Pass Inspection criteria : Ac/Re : 7/8

b) Force at Break

Sample no	Force at Break (N)
Sample 1	6.38
Sample 2	6.95
Sample 3	6.45
Sample 4	6.63
Sample 5	6.13
Sample 6	6.54
Sample 7	6.19
Sample 8	6.22
Sample 9	6.75
Sample 10	6.48
Sample 11	6.34
Sample 12	6.12
Sample 13	6.21
EN-455-2	6.0 N
Median	6.38 N
Conclusion : Pass	

c) Dimension(width, length, thickness)

Sample no	Length (mm)	Width (mm)	Thickness (mm)		
			Cuff	Palm	Finger
Sample 1	245	94	0.05	0.06	0.11
Sample 2	245	93	0.05	0.06	0.10
Sample 3	243	95	0.05	0.05	0.10
Sample 4	243	93	0.05	0.05	0.11
Sample 5	246	93	0.05	0.06	0.10
Sample 6	243	95	0.05	0.05	0.11
Sample 7	242	95	0.05	0.06	0.09
Sample 8	241	94	0.05	0.05	0.10
Sample 9	243	94	0.05	0.05	0.10
Sample 10	242	93	0.05	0.06	0.09
Sample 11	242	96	0.05	0.05	0.10
Sample 12	245	94	0.05	0.05	0.09
Sample 13	244	94	0.05	0.06	0.10
EN-455-2	240 min	95±10	-	-	-
Median	243	94	0.05	0.05	0.10
Conclusion	Pass	Pass	Pass	Pass	Pass



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Shelf Life Determination (Real Time Study) Test Report

3. Batch no : 80222 38617

a) Freedom from Holes

Gloves	Sample size and specification
80222 38617	Sample size: Inspection Level G-1, but not less than 200 gloves. AQL = 1.5
Conclusion	Watertight test undertaken: 1 defect observed. Pass Inspection criteria : Ac/Re : 7/8

b) Force at Break

Sample no	Force at Break (N)
Sample 1	6.25
Sample 2	6.56
Sample 3	7.12
Sample 4	6.35
Sample 5	6.19
Sample 6	6.41
Sample 7	6.24
Sample 8	7.00
Sample 9	6.66
Sample 10	6.42
Sample 11	6.87
Sample 12	6.12
Sample 13	6.75
EN-455-2	6.0 N
Median	6.42 N
Conclusion : Pass	

c) Dimension(width, length, thickness)

Sample no	Length (mm)	Width (mm)	Thickness (mm)		
			Cuff	Palm	Finger
Sample 1	243	94	0.05	0.06	0.11
Sample 2	242	95	0.05	0.06	0.10
Sample 3	241	94	0.05	0.05	0.11
Sample 4	245	94	0.05	0.05	0.11
Sample 5	244	94	0.05	0.06	0.10
Sample 6	244	93	0.05	0.06	0.10
Sample 7	244	94	0.05	0.05	0.10
Sample 8	243	94	0.05	0.06	0.10
Sample 9	243	93	0.05	0.05	0.10
Sample 10	244	93	0.05	0.06	0.09
Sample 11	244	95	0.05	0.05	0.09
Sample 12	246	94	0.05	0.06	0.11
Sample 13	243	95	0.05	0.05	0.09
EN-455-2	240 min	95±10	-	-	-
Median	244	94	0.05	0.06	0.10
Conclusion	Pass	Pass	Pass	Pass	Pass

Conclusion :

All 3 lots of gloves had met the requirements of EN455 standards with respect to freedom from holes, force at break and dimension at first (1st) year. Testing shall be continued at yearly basis for at least another 4 years and the test results shall be reported every year.



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Shelf Life Determination (Real Time Study) Test Report

Time Interval	Date of Testing	Temperature	Humidity
2 nd Year	12/6/2012	Ambient (30 °C)	Ambient (77%)

1. Batch no : 80222 38615

a) Freedom from Holes

Gloves	Sample size and specification
80222 38615	Sample size: Inspection Level G-1, but not less than 200 gloves. AQL = 1.5
Conclusion	Watertight test undertaken: 2 defects observed. Pass Inspection criteria : Ac/Re : 7/8

b) Force at Break

Sample no	Force at Break (N)
Sample 1	6.14
Sample 2	6.34
Sample 3	6.55
Sample 4	6.12
Sample 5	6.13
Sample 6	6.78
Sample 7	6.95
Sample 8	6.44
Sample 9	6.65
Sample 10	6.23
Sample 11	6.19
Sample 12	6.34
Sample 13	6.55
EN-455-2	6.0 N
Median	6.34 N
Conclusion : Pass	

c) Dimension(width, length, thickness)

Sample no	Length (mm)	Width (mm)	Thickness (mm)		
			Cuff	Palm	Finger
Sample 1	243	94	0.05	0.05	0.09
Sample 2	241	95	0.05	0.05	0.09
Sample 3	246	93	0.05	0.06	0.09
Sample 4	243	95	0.05	0.06	0.10
Sample 5	242	94	0.05	0.06	0.11
Sample 6	242	93	0.05	0.05	0.10
Sample 7	245	94	0.05	0.05	0.11
Sample 8	240	94	0.05	0.06	0.10
Sample 9	244	94	0.05	0.05	0.10
Sample 10	245	93	0.05	0.05	0.09
Sample 11	243	94	0.05	0.06	0.11
Sample 12	244	94	0.05	0.05	0.10
Sample 13	245	93	0.05	0.05	0.11
EN-455-2	240 min	95±10	-	-	-
Median	243	94	0.05	0.05	0.10
Conclusion	Pass	Pass	Pass	Pass	Pass



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Shelf Life Determination (Real Time Study) Test Report

2. Batch no : 80222 38616

a) Freedom from Holes

Gloves	Sample size and specification
80222 38616	Sample size: Inspection Level G-1, but not less than 200 gloves. AQL = 1.5
Conclusion	Watertight test undertaken: 3 defects observed. Pass Inspection criteria : Ac/Re : 7/8

b) Force at Break

Sample no	Force at Break (N)
Sample 1	6.25
Sample 2	6.43
Sample 3	6.31
Sample 4	6.17
Sample 5	6.22
Sample 6	6.59
Sample 7	6.77
Sample 8	6.14
Sample 9	6.14
Sample 10	6.34
Sample 11	6.55
Sample 12	6.12
Sample 13	6.13
EN-455-2	6.0 N
Median	6.25 N
Conclusion : Pass	

c) Dimension(width, length, thickness)

Sample no	Length (mm)	Width (mm)	Thickness (mm)		
			Cuff	Palm	Finger
Sample 1	240	93	0.05	0.05	0.09
Sample 2	243	93	0.05	0.05	0.10
Sample 3	242	94	0.05	0.05	0.09
Sample 4	245	95	0.05	0.06	0.09
Sample 5	243	93	0.05	0.06	0.10
Sample 6	241	94	0.05	0.06	0.11
Sample 7	244	94	0.05	0.05	0.11
Sample 8	243	93	0.05	0.05	0.10
Sample 9	243	94	0.05	0.05	0.10
Sample 10	242	94	0.05	0.05	0.09
Sample 11	245	95	0.05	0.05	0.10
Sample 12	243	94	0.05	0.06	0.11
Sample 13	243	94	0.05	0.06	0.11
EN-455-2	240 min	95±10	-	-	-
Median	243	94	0.05	0.05	0.10
Conclusion	Pass	Pass	Pass	Pass	Pass



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Shelf Life Determination (Real Time Study) Test Report

3. Batch no : 80222 38617

a) Freedom from Holes

Gloves	Sample size and specification
80222 38617	Sample size: Inspection Level G-1, but not less than 200 gloves. AQL = 1.5
Conclusion	Watertight test undertaken: 2 defects observed. Pass Inspection criteria : Ac/Re : 7/8

b) Force at Break

Sample no	Force at Break (N)
Sample 1	6.70
Sample 2	6.12
Sample 3	6.95
Sample 4	6.65
Sample 5	6.63
Sample 6	6.73
Sample 7	6.52
Sample 8	6.69
Sample 9	6.22
Sample 10	6.24
Sample 11	6.53
Sample 12	6.18
Sample 13	6.40
EN-455-2	6.0 N
Median	6.53 N
Conclusion : Pass	

c) Dimension(width, length, thickness)

Sample no	Length (mm)	Width (mm)	Thickness (mm)		
			Cuff	Palm	Finger
Sample 1	244	94	0.05	0.06	0.09
Sample 2	245	95	0.05	0.06	0.10
Sample 3	243	94	0.05	0.05	0.10
Sample 4	243	94	0.05	0.05	0.09
Sample 5	244	93	0.05	0.06	0.10
Sample 6	244	94	0.05	0.06	0.09
Sample 7	244	94	0.05	0.05	0.10
Sample 8	243	95	0.05	0.06	0.11
Sample 9	245	94	0.05	0.05	0.10
Sample 10	245	95	0.05	0.05	0.10
Sample 11	240	93	0.05	0.05	0.10
Sample 12	244	94	0.05	0.06	0.11
Sample 13	246	94	0.05	0.06	0.11
EN-455-2	240 min	95±10	-	-	-
Median	244	94	0.05	0.06	0.10
Conclusion	Pass	Pass	Pass	Pass	Pass

Conclusion :

All 3 lots of gloves had met the requirements of EN455 standards with respect to freedom from holes, force at break and dimension at second (2nd) year. Testing shall be continued at yearly basis for at least another 3 years and the test results shall be reported every year.



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Shelf Life Determination (Real Time Study) Test Report

Time Interval	Date of Testing	Temperature	Humidity
3 rd Year	17/6/2013	Ambient (29°C)	Ambient (76%)

1. Batch no : 80222 38615

a) Freedom from Holes

Gloves	Sample size and specification
80222 38615	Sample size: Inspection Level G-1, but not less than 200 gloves. AQL = 1.5
Conclusion	Watertight test undertaken: 1 defect observed. Pass Inspection criteria : Ac/Re : 7/8

b) Force at Break

Sample no	Force at Break (N)
Sample 1	6.95
Sample 2	6.45
Sample 3	6.63
Sample 4	6.13
Sample 5	6.77
Sample 6	6.19
Sample 7	6.22
Sample 8	6.84
Sample 9	6.40
Sample 10	6.67
Sample 11	6.59
Sample 12	6.37
Sample 13	6.62
EN-455-2	6.0 N
Median	6.54 N
Conclusion : Pass	

c) Dimension(width, length, thickness)

Sample no	Length (mm)	Width (mm)	Thickness (mm)		
			Cuff	Palm	Finger
Sample 1	244	94	0.05	0.06	0.09
Sample 2	243	94	0.05	0.06	0.10
Sample 3	243	95	0.05	0.05	0.10
Sample 4	244	94	0.05	0.05	0.11
Sample 5	245	94	0.05	0.06	0.11
Sample 6	241	93	0.05	0.06	0.11
Sample 7	242	94	0.05	0.05	0.09
Sample 8	244	94	0.05	0.06	0.09
Sample 9	246	93	0.05	0.05	0.10
Sample 10	246	95	0.05	0.05	0.10
Sample 11	243	94	0.05	0.05	0.09
Sample 12	244	95	0.05	0.06	0.10
Sample 13	242	94	0.05	0.06	0.10
EN-455-2	240 min	95±10	-	-	-
Median	244	94	0.05	0.06	0.10
Conclusion	Pass	Pass	Pass	Pass	Pass



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Shelf Life Determination (Real Time Study) Test Report

2. Batch no : 80222 38616

a) Freedom from Holes

Gloves	Sample size and specification
80222 38616	Sample size: Inspection Level G-1, but not less than 200 gloves. AQL = 1.5
Conclusion	Watertight test undertaken: 1 defect observed. Pass Inspection criteria : Ac/Re : 7/8

b) Force at Break

Sample no	Force at Break (N)
Sample 1	6.14
Sample 2	6.34
Sample 3	6.55
Sample 4	6.12
Sample 5	6.13
Sample 6	6.67
Sample 7	6.55
Sample 8	6.37
Sample 9	6.51
Sample 10	6.23
Sample 11	6.42
Sample 12	6.34
Sample 13	6.55
EN-455-2	6.0 N
Median	6.37 N
Conclusion : Pass	

c) Dimension(width, length, thickness)

Sample no	Length (mm)	Width (mm)	Thickness (mm)		
			Cuff	Palm	Finger
Sample 1	245	94	0.05	0.06	0.09
Sample 2	245	95	0.05	0.06	0.11
Sample 3	243	93	0.05	0.06	0.10
Sample 4	244	93	0.05	0.05	0.11
Sample 5	243	94	0.05	0.05	0.09
Sample 6	241	94	0.05	0.06	0.11
Sample 7	242	93	0.05	0.05	0.10
Sample 8	243	94	0.05	0.05	0.10
Sample 9	243	93	0.05	0.06	0.09
Sample 10	240	94	0.05	0.05	0.10
Sample 11	243	95	0.05	0.05	0.10
Sample 12	242	94	0.05	0.05	0.10
Sample 13	244	94	0.05	0.05	0.11
EN-455-2	240 min	95±10	-	-	-
Median	243	94	0.05	0.05	0.10
Conclusion	Pass	Pass	Pass	Pass	Pass



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Shelf Life Determination (Real Time Study) Test Report

3. Batch no : 80222 38617

a) Freedom from Holes

Gloves	Sample size and specification
80222 38617	Sample size: Inspection Level G-1, but not less than 200 gloves. AQL = 1.5
Conclusion	Watertight test undertaken: 1 defect observed. Pass Inspection criteria : Ac/Re : 7/8

b) Force at Break

Sample no	Force at Break (N)
Sample 1	6.15
Sample 2	6.31
Sample 3	6.29
Sample 4	6.16
Sample 5	6.17
Sample 6	6.22
Sample 7	6.59
Sample 8	6.77
Sample 9	6.14
Sample 10	6.13
Sample 11	6.87
Sample 12	6.33
Sample 13	6.11
EN-455-2	6.0 N
Median	6.22 N
Conclusion : Pass	

c) Dimension(width, length, thickness)

Sample no	Length (mm)	Width (mm)	Thickness (mm)		
			Cuff	Palm	Finger
Sample 1	245	93	0.05	0.05	0.09
Sample 2	240	93	0.05	0.05	0.11
Sample 3	245	94	0.05	0.05	0.09
Sample 4	241	93	0.05	0.05	0.09
Sample 5	243	93	0.05	0.06	0.10
Sample 6	243	93	0.05	0.05	0.11
Sample 7	240	93	0.05	0.05	0.10
Sample 8	243	94	0.05	0.05	0.09
Sample 9	245	95	0.05	0.06	0.10
Sample 10	245	93	0.05	0.06	0.10
Sample 11	243	95	0.05	0.06	0.11
Sample 12	241	94	0.05	0.05	0.11
Sample 13	245	94	0.05	0.05	0.10
EN-455-2	240 min	95±10	-	-	-
Median	243	93	0.05	0.05	0.10
Conclusion	Pass	Pass	Pass	Pass	Pass

Conclusion :

All 3 lots of gloves had met the requirements of EN455 standards with respect to freedom from holes, force at break and dimension at third (3rd) year. Testing shall be continued at yearly basis for at least another 2 years and the test results shall be reported every year.



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Shelf Life Determination (Real Time Study) Test Report

Time Interval	Date of Testing	Temperature	Humidity
4 th Year	9/6/2014	Ambient (30 °C)	Ambient (71%)

1. Batch no : 80222 38615

a) Freedom from Holes

Gloves	Sample size and specification
80222 38615	Sample size: Inspection Level G-1, but not less than 200 gloves. AQL = 1.5
Conclusion	Watertight test undertaken: 2 defects observed. Pass Inspection criteria : Ac/Re : 7/8

b) Force at Break

Sample no	Force at Break (N)
Sample 1	6.19
Sample 2	6.41
Sample 3	6.04
Sample 4	6.15
Sample 5	6.66
Sample 6	6.42
Sample 7	6.87
Sample 8	6.12
Sample 9	6.23
Sample 10	6.08
Sample 11	6.11
Sample 12	6.56
Sample 13	6.45
EN-455-2	6.0 N
Median	6.23 N
Conclusion : Pass	

c) Dimension(width, length, thickness)

Sample no	Length (mm)	Width (mm)	Thickness (mm)		
			Cuff	Palm	Finger
Sample 1	241	94	0.05	0.06	0.09
Sample 2	245	93	0.05	0.06	0.10
Sample 3	243	95	0.05	0.05	0.11
Sample 4	245	95	0.05	0.05	0.11
Sample 5	240	94	0.05	0.06	0.10
Sample 6	242	96	0.05	0.06	0.11
Sample 7	246	93	0.05	0.05	0.11
Sample 8	242	95	0.05	0.06	0.11
Sample 9	240	95	0.05	0.05	0.09
Sample 10	240	94	0.05	0.05	0.11
Sample 11	245	95	0.05	0.05	0.10
Sample 12	243	95	0.05	0.06	0.11
Sample 13	241	93	0.05	0.06	0.10
EN-455-2	240 min	95±10	-	-	-
Median	242	95	0.05	0.06	0.11
Conclusion	Pass	Pass	Pass	Pass	Pass



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Shelf Life Determination (Real Time Study) Test Report

2. Batch no : 80222 38616

a) Freedom from Holes

Gloves	Sample size and specification
80222 38616	Sample size: Inspection Level G-1, but not less than 200 gloves. AQL = 1.5
Conclusion	Watertight test undertaken: 2 defects observed. Pass Inspection criteria : Ac/Re : 7/8

b) Force at Break

Sample no	Force at Break (N)
Sample 1	6.14
Sample 2	6.34
Sample 3	6.55
Sample 4	6.12
Sample 5	6.13
Sample 6	6.78
Sample 7	6.55
Sample 8	6.44
Sample 9	6.65
Sample 10	6.23
Sample 11	6.09
Sample 12	6.34
Sample 13	6.55
EN-455-2	6.0 N
Median	6.34 N
Conclusion : Pass	

c) Dimension(width, length, thickness)

Sample no	Length (mm)	Width (mm)	Thickness (mm)		
			Cuff	Palm	Finger
Sample 1	245	94	0.05	0.05	0.09
Sample 2	245	94	0.05	0.05	0.11
Sample 3	240	94	0.05	0.05	0.10
Sample 4	240	93	0.05	0.06	0.10
Sample 5	242	93	0.05	0.06	0.10
Sample 6	243	93	0.05	0.05	0.09
Sample 7	245	95	0.05	0.06	0.11
Sample 8	241	94	0.05	0.05	0.09
Sample 9	242	95	0.05	0.05	0.10
Sample 10	245	94	0.05	0.06	0.11
Sample 11	240	93	0.05	0.05	0.10
Sample 12	246	93	0.05	0.05	0.11
Sample 13	244	95	0.05	0.06	0.10
EN-455-2	240 min	95±10	-	-	-
Median	243	94	0.05	0.05	0.10
Conclusion	Pass	Pass	Pass	Pass	Pass



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GLOVE MANUFACTURING SDN BHD
(229862-H)

Lot 6070, Jalan Haji Abdul Manan
6th Miles Off Jalan Meru
41050 Klang, Selangor, Malaysia
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E-MAIL: maxter@tm.net.my
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Shelf Life Determination (Real Time Study) Test Report

3. Batch no : 80222 38617

a) Freedom from Holes

Gloves	Sample size and specification
80222 38617	Sample size: Inspection Level G-1, but not less than 200 gloves. AQL = 1.5
Conclusion	Watertight test undertaken: 2 defects observed. Pass Inspection criteria : Ac/Re : 7/8

b) Force at Break

Sample no	Force at Break (N)
Sample 1	6.14
Sample 2	6.23
Sample 3	6.17
Sample 4	6.84
Sample 5	6.24
Sample 6	6.17
Sample 7	6.55
Sample 8	6.27
Sample 9	6.11
Sample 10	6.34
Sample 11	6.21
Sample 12	6.34
Sample 13	6.45
EN-455-2	6.0 N
Median	6.24 N
Conclusion : Pass	

c) Dimension(width, length, thickness)

Sample no	Length (mm)	Width (mm)	Thickness (mm)		
			Cuff	Palm	Finger
Sample 1	246	93	0.05	0.05	0.09
Sample 2	243	93	0.05	0.05	0.09
Sample 3	245	93	0.05	0.06	0.10
Sample 4	243	94	0.05	0.05	0.11
Sample 5	241	94	0.05	0.05	0.10
Sample 6	244	95	0.05	0.06	0.09
Sample 7	240	94	0.05	0.05	0.11
Sample 8	245	93	0.05	0.05	0.09
Sample 9	243	95	0.05	0.06	0.10
Sample 10	241	93	0.05	0.06	0.10
Sample 11	241	94	0.05	0.05	0.11
Sample 12	242	93	0.05	0.05	0.10
Sample 13	245	94	0.05	0.05	0.11
EN-455-2	240 min	95±10	-	-	-
Median	243	94	0.05	0.05	0.10
Conclusion	Pass	Pass	Pass	Pass	Pass

Conclusion :

All 3 lots of gloves had met the requirements of EN455 standards with respect to freedom from holes, force at break and dimension at fourth (4th) year. Testing shall be continued at yearly basis for at least another 1 year and the test results shall be reported every year.



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Shelf Life Determination (Real Time Study) Test Report

Time Interval	Date of Testing	Temperature	Humidity
5 th Year	11/6/2015	Ambient (29 °C)	Ambient (79%)

1. Batch no : 80222 38615

a) Freedom from Holes

Gloves	Sample size and specification
80222 38615	Sample size: Inspection Level G-1, but not less than 200 gloves. AQL = 1.5
Conclusion	Watertight test undertaken: 3 defects observed. Pass Inspection criteria : Ac/Re : 7/8

b) Force at Break

Sample no	Force at Break (N)
Sample 1	6.11
Sample 2	6.65
Sample 3	6.05
Sample 4	6.63
Sample 5	6.13
Sample 6	6.54
Sample 7	6.09
Sample 8	6.22
Sample 9	6.31
Sample 10	6.05
Sample 11	6.67
Sample 12	6.45
Sample 13	6.19
EN-455-2	6.0 N
Median	6.22 N
Conclusion : Pass	

c) Dimension(width, length, thickness)

Sample no	Length (mm)	Width (mm)	Thickness (mm)		
			Cuff	Palm	Finger
Sample 1	244	97	0.05	0.06	0.11
Sample 2	243	93	0.05	0.06	0.10
Sample 3	243	94	0.05	0.06	0.10
Sample 4	243	94	0.05	0.05	0.11
Sample 5	242	93	0.05	0.05	0.09
Sample 6	240	94	0.05	0.06	0.09
Sample 7	245	93	0.05	0.06	0.09
Sample 8	242	94	0.05	0.06	0.11
Sample 9	243	94	0.05	0.05	0.10
Sample 10	240	95	0.05	0.05	0.09
Sample 11	241	95	0.05	0.06	0.10
Sample 12	244	95	0.05	0.06	0.10
Sample 13	244	96	0.05	0.05	0.11
EN-455-2	240 min	95±10	-	-	-
Median	243	94	0.05	0.06	0.10
Conclusion	Pass	Pass	Pass	Pass	Pass



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Shelf Life Determination (Real Time Study) Test Report

2. Batch no : 80222 38616

a) Freedom from Holes

Gloves	Sample size and specification
80222 38616	Sample size: Inspection Level G-1, but not less than 200 gloves. AQL = 1.5
Conclusion	Watertight test undertaken: 2 defects observed. Pass Inspection criteria : Ac/Re : 7/8

b) Force at Break

Sample no	Force at Break (N)
Sample 1	6.55
Sample 2	6.45
Sample 3	6.63
Sample 4	6.13
Sample 5	6.54
Sample 6	6.09
Sample 7	6.22
Sample 8	6.61
Sample 9	6.34
Sample 10	6.02
Sample 11	6.21
Sample 12	6.15
Sample 13	6.26
EN-455-2	6.0 N
Median	6.26 N
Conclusion : Pass	

c) Dimension(width, length, thickness)

Sample no	Length (mm)	Width (mm)	Thickness (mm)		
			Cuff	Palm	Finger
Sample 1	244	94	0.05	0.06	0.09
Sample 2	240	93	0.05	0.06	0.10
Sample 3	240	96	0.05	0.05	0.11
Sample 4	240	95	0.05	0.05	0.11
Sample 5	242	95	0.05	0.06	0.10
Sample 6	244	95	0.05	0.06	0.09
Sample 7	244	94	0.05	0.05	0.09
Sample 8	243	94	0.05	0.06	0.10
Sample 9	241	95	0.05	0.05	0.11
Sample 10	240	96	0.05	0.05	0.10
Sample 11	242	95	0.05	0.06	0.11
Sample 12	245	94	0.05	0.06	0.10
Sample 13	245	95	0.05	0.06	0.11
EN-455-2	240 min	95±10	-	-	-
Median	242	95	0.05	0.06	0.10
Conclusion	Pass	Pass	Pass	Pass	Pass



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Shelf Life Determination (Real Time Study) Test Report

3. Batch no : 80222 38617

a) Freedom from Holes

Gloves	Sample size and specification
80222 38617	Sample size: Inspection Level G-1, but not less than 200 gloves. AQL = 1.5
Conclusion	Watertight test undertaken: 0 defect observed. Pass Inspection criteria : Ac/Re : 7/8

b) Force at Break

Sample no	Force at Break (N)
Sample 1	6.17
Sample 2	6.15
Sample 3	6.35
Sample 4	6.63
Sample 5	6.23
Sample 6	6.54
Sample 7	6.09
Sample 8	6.41
Sample 9	6.04
Sample 10	6.15
Sample 11	6.16
Sample 12	6.42
Sample 13	6.07
EN-455-2	6.0 N
Median	6.17 N
Conclusion : Pass	

c) Dimension(width, length, thickness)

Sample no	Length (mm)	Width (mm)	Thickness (mm)		
			Cuff	Palm	Finger
Sample 1	242	93	0.05	0.06	0.09
Sample 2	240	93	0.05	0.06	0.11
Sample 3	243	94	0.05	0.05	0.10
Sample 4	241	94	0.05	0.05	0.10
Sample 5	243	94	0.05	0.06	0.11
Sample 6	243	95	0.05	0.06	0.09
Sample 7	245	93	0.05	0.05	0.10
Sample 8	245	94	0.05	0.06	0.11
Sample 9	243	93	0.05	0.05	0.10
Sample 10	242	95	0.05	0.05	0.09
Sample 11	244	95	0.05	0.05	0.09
Sample 12	243	93	0.05	0.06	0.11
Sample 13	240	94	0.5	0.06	0.10
EN-455-2	240 min	95±10	-	-	-
Median	243	94	0.05	0.06	0.10
Conclusion	Pass	Pass	Pass	Pass	Pass



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Shelf Life Determination (Real Time Study) Test Report

Conclusion :

The overall real time study results as follows:-

Time Interval	Storage Conditions Temperature & Humidity	Freedom from Hole	Force at Break	Dimension
Time zero	29°C & 81%	Pass	Pass	Pass
1 st Year	29°C & 81%	Pass	Pass	Pass
2 nd Year	30°C & 77%	Pass	Pass	Pass
3 rd Year	29°C & 76%	Pass	Pass	Pass
4 th Year	30°C & 71%	Pass	Pass	Pass
5 th Year	29°C & 79%	Pass	Pass	Pass

Conclusion :

All 3 lots of gloves had met the requirements of EN455 standards with respect to freedom from holes, force at break and dimension after 5 years from the date of manufacture. Therefore shelf life claim for 5 years based on real time aging study is **declared valid**.

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