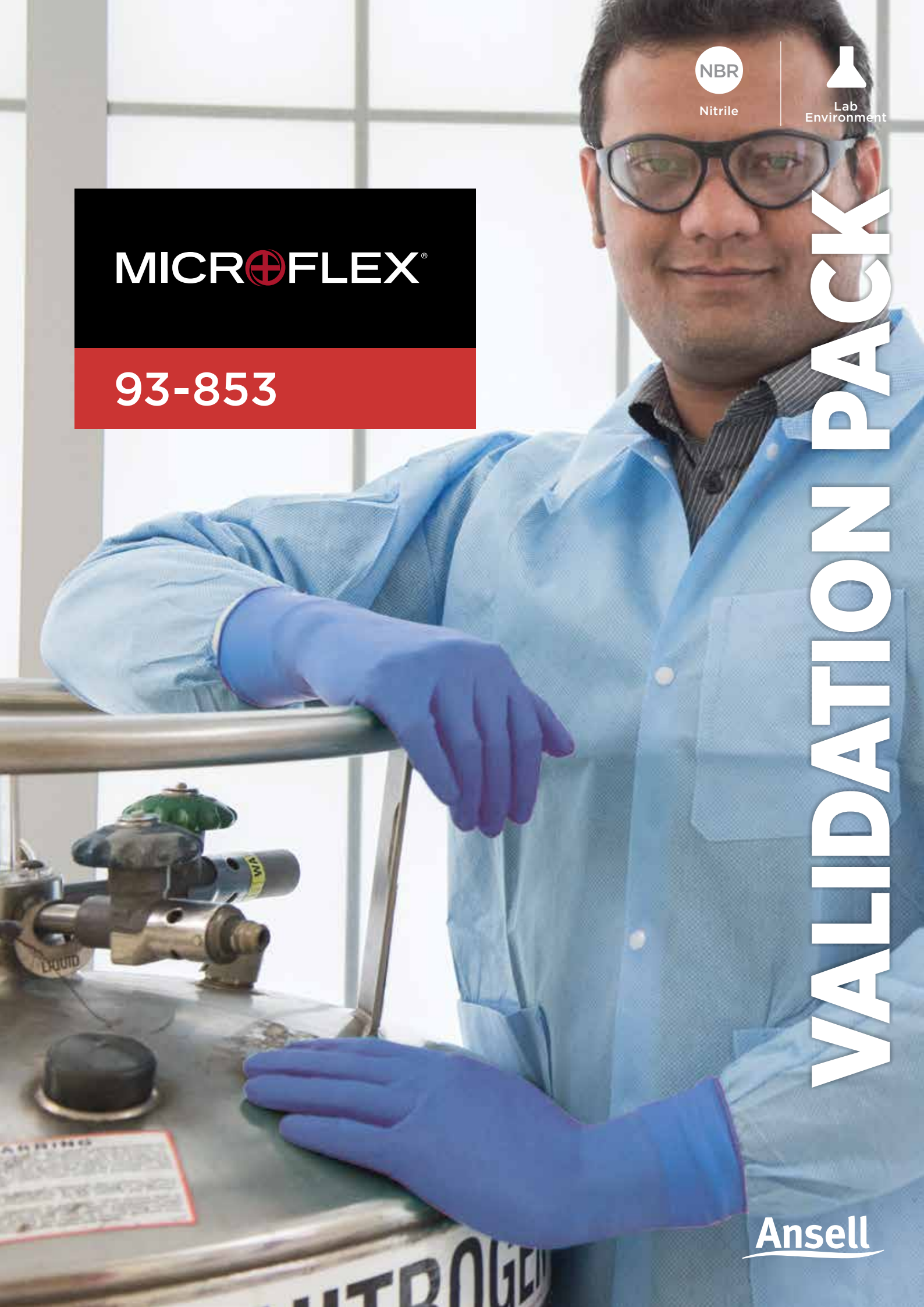

NBR
Nitrile
Lab
Environment
MICROFLEX®
93-853
VALIDATION PACK
Ansell

MICROFLEX®

93-853

TABLE OF CONTENTS

VALIDATION PACK

Ansell

Global Product Datasheet

MICROFLEX®

93-853
High Risk Exam Nitrile Gloves

NBR
Nitrile

Lab Environment

Durable extra protection for high risk chemicals and drugs

FEATURES AND BENEFITS:

Reliable Hazard Protection

Extended cuff provides additional protection for the wrist and arm for hazardous environments. While the nitrile material offers up to 3 times the puncture resistance of latex or vinyl disposable gloves. Combined with the lowest acceptable pinhole rates (AQL 0.65) these gloves help set a new standard in protection.

Increased Productivity

Non-stick properties are built into the glove materials to create a resistance to tape or adhesives, and to assist workers with improved efficiency and speed.

Secure and Confident Grip

Textured fingers ensure strong, efficient grip and maximum worker protection.

Protection from Type 1 Allergies

Constructed without natural rubber latex materials or powder to help protect from allergies, skin irritation and dryness.

Approved for use with chemotherapy drugs

Industries

- Chemical
- Dental
- Healthcare
- Laboratory
- Manufacturing

Applications

- Analytical testing
- Assembly and inspection
- Emergency services
- Food processing
- Laboratory analysis and testing
- Maintaining equipment & instruments
- Paint and spray shops
- Patient examinations
- Pharmaceutical manufacturing
- Preparing pharmaceutical products
- Printing industry
- Protection from blood and other bodily fluids

Ansell

MICROFLEX®

93-853
High Risk Exam Nitrile Gloves

TECHNICAL DATA SHEET:

PRODUCT INFORMATION:

	93-853
Material	Nitrile
Color	Blue
Glove Design	Ambidextrous, Powder-Free, Chlorinated, Textured Fingers, Extended Cuff
Cuff	Beaded Cuff
Audit Standards	ISO 13485
Quality Control	FOOD COMPLIANT, MDD 93/42/ECC, PPED 89/686/ECC CATEGORY III, COMPLEX DESIGN, EN 455 1,2 AND 3, EN374-3 LOW CHEMICAL, EN374-2 LEVEL 3 AQL .65, EN420 (SIZING FOR SPECIAL PURPOSES), REACH COMPLIANT, TGA, US QSR/FDA 510(K), US NFPA
* Packaging	50 gloves per dispenser, 10 dispensers per shipper carton, 500 gloves per shipper carton.
Storage	Keep out of direct sunlight; store in a cool and dry place. Keep away from sources of ozone or ignition.
Country of Origin	Malaysia

*XXXL contains 40 gloves/box

PHYSICAL PROPERTIES:

		TYPICAL VALUES						TESTING METHOD
	5.5 - 6 XS	6.5 - 7 S	7.5 - 8 M	8.5 - 9 L	9.5 - 10 XL	10.5 - 11 XXL	11.5 - 12 XXXL	
Length (mm)	295	295	295	295	295	295	295	ASTM D3767/EN 420
Average Palm Width (mm)	80	86	98	108	115	122	128	

Freedom from Holes (Inspection level I)	0.65 AQL		ASTM D5151/ EN 374-2
Palm Thickness Single Wall	(mm : 0.14) / (mil : 5.5)		ASTM D3767/EN 420
	BEFORE AGING	AFTER AGING	
Ultimate Tensile Strength	30 Mpa	27 Mpa	ASTM D 412-06a
Elongation at Break (%)	> 500	> 500	ASTM D 412-06a
Force at break (N)	18	18	EN 455-2

ORDERING INFORMATION:

	SIZE	5.5 - 6 XS	6.5 - 7 S	7.5 - 8 M	8.5 - 9 L	9.5 - 10 XL	10.5 - 11 XXL	11.5 - 12 XXXL
93-853	REORDER NO.	93853060	93853070	93853080	93853090	93853100	93853110	93853120

For additional information visit us at www.ansell.com, or call us at

Europe, Middle East & Africa
Ansell Healthcare Europe NV
Riverside Business Park
Blvd International, 55
1070 Brussels, Belgium
+32 2 528 74 00
+32 2 528 74 01

Asia Pacific
Ansell (Hong Kong) Limited
Unit 3102-3103, 31/F
Manhattan Place
23 Wang Tai Road
Kowloon Bay, Hong Kong
+852 2185 0600
+852 2856 2155

North America
Ansell Protective Products Inc.
111 Wood Avenue South,
Suite 210
Iselin, NJ 08830, USA
+1 800 800 0444
+1 800 800 0445

Latin America & Caribbean
Ansell Brazil Ltda
Rua das Figueiras 474 – 4º Andar
Bairro Jardim
SP 09080-300 Santo André
Brazil
CNPJ: 03.496.778/0001-21
+55 11 3356 3100

Australia
Ansell Limited
Level 3, 678 Victoria Street,
Richmond, Vic, 3121
Australia
+61 1800 337 041
+61 1800 803 578

Russia
Анселл РУС
123610 Россия, Москва
Краснопресненская
Наб. 12, п.3, оф. 1304А
Тел. +7 495 258 13 16

EN 374 EN 374

CE 0493

Ansell

Microflex® 93-853

TECHNICAL DATASHEET

Nitrile

Print date 08-10-2015

Glove material

- Nitrile (Coating material)

Possible Harmful ingredients

Sensitizers

- Zinc Dibutyldithiocarbamate

Properties

EN Test Data

Liquidproofness:

Acceptable Quality Level 0.65 or EN performance level 3

Chemical permeation:

For more information on chemical permeation, please consult Ansell website

European conformity

Gloves conform to the requirements of the European Directive 89/686/EEC and to the European standards EN 420:2003 + A1:2009 and EN 374:2003

They are categorised in "Complex Design" (= Protection against mortal risks).

EC-Type Examination Certificate and EC-quality control for the final product by

CENTEXBEL (0493)
Technologiepark 7
B-9052 Zwijnaarde

Storage

Keep away from sources of ozone or ignition.

Keep out of direct sunlight; store in a cool and dry place.

Coating material	Grip design	Cuff style	Colour	AQL (EN374)	Powder-free	EN Size	Length mm	Thickness mm	Packaging
Nitrile	Textured Fingers	Beaded	Blue	0.65	Powder-free	5.5 - 6, 6.5 - 7, 7.5 - 8, 8.5 - 9, 9.5 - 10, 10.5 - 11, 11.5 - 12	295	0.14	See below

Ansell

CE Declaration of Product Conformity

Ansell

Ansell Healthcare Europe N.V.

Riverside Business Park | Block J | Tel. 32 (0)2-528 74 00
Boulevard International 55 | B-1070 Brussels | Fax 32 (0)2-528 74 01

EC DECLARATION OF PRODUCT CONFORMITY

Category III

The manufacturer, established in the European Economic Community:

ANSELL HEALTHCARE EUROPE N.V.
RIVERSIDE BUSINESS PARK, BLOCK J
BOULEVARD INTERNATIONAL 55
B-1070 BRUSSELS

declares that the PPE described hereafter:

Microflex® 93-853

is in conformity with the provisions of the Council Directive 89/686/EEC and with the European harmonised standards EN420:2003+A1:2009, EN374: 2003, and is identical to the PPE which is subject to the EC Type Examination certificate number 032/2014/1447 issued by the Notified Body:

CENTEXBEL (0493)
Technologiepark 7
B-9052 Zwijnaarde

is subject to the procedure set out in Article 11 point A of Directive 89/686/EEC under the supervision of the Notified Body

CENTEXBEL (0493)
Technologiepark 7
B-9052 Zwijnaarde

Thursday, September 17, 2015
Alison Arnot-Bradshaw
Senior Director – EMEA/APAC Regulatory Affairs
Ansell

Ansell

CE Certificate

In application of the directive 89/686/EEG of 21 December 1989 concerning the harmonisation of the Member States legislation relative to personal protective equipment, Centexbel Notified body 0493 authorised by decree AV/OA235/ST dated 94-05-25 of the Ministry of Employment and Labour has issued

CE TYPE EXAMINATION CERTIFICATE

Nr. 032/2014/1447

This CE Type examination certificate is valid until 21 Oct 2019

to: **Ansell Healthcare Europe nv Riverside Business Park, Brussel**

for: **The Glove MicroFlex 93-853**

The personal protective equipment above mentioned satisfies the applicable essential safety requirements of the Directive.

For the argumentation, the following standards are used:

EN 420+A1:2009	Protective gloves - General requirements and test methods
EN 374-1:2003	Protective gloves against chemicals and micro-organisms - Part 1: Terminology and performance equirements

This is PPE of category III, subject to regular checks in accordance with article 11 of the European PPE directive. In agreement with the manufacturer's choice random checks shall be carried out to assess the quality of the final product (art.11A). The manufacturer must be able, on request, to present the test report of this quality control check. A first quality control check shall be performed at the latest on 31 Dec 2015 and at least be repeated with intervals of one year.

This declaration applies to the equipment as submitted in the type testing and described in the manufacturer's technical file that is registered with number 6899.

Issued by Centexbel, Notified Body 0493(*), in Ghent, on 21 Oct 2014

Inge De Witte
Certification Manager

Attached: 1 Annex

(*)Recognized by decree AV/OA235/ST of 94-05-25 of the Ministry of Labor and Employment

CENTEXBEL • textile competence centre • www.centexbel.be

GENT • Technologiepark 7 • BE 9052 Gent • Belgium • phone +32 9 220 41 51 • fax +32 9 220 49 55 • gent@centexbel.be

VAT • BE 0459.218.289 • IBAN • BE 44 2100 4729 6545 • BIC • GEBABEBB

BELAC 056-PROD

Ansell

ANNEX

CE TYPE EXAMINATION CERTIFICATE Nr. 032/2014/1447

1. Application

Ansell Healthcare Europe nv Riverside Business Park
Spey House Internationalelaan 55
1070 Brussel
Belgium

2. Description

EN374-1 Micro-organismen

EN374-1:2003 Low

H2SO4 96% - level 0
NaOH 40% - level 6
Toluol - level 0
n-Heptane - level 1

3. Materials and accessories

Gloves

- Microflex 93-853

Technical documentation

Summary test results

EN 420+A1:2009 Gloves **Microflex 93-853**

Method	Description	Result	Class
EN 1413	pH - textile	PASS	
EN 14362-1	AZO dyes for colored gloves	PASS	
EN 420 length	length	PASS	
EN 420 dexterity	Dexterity	PASS	level 5

EN 374-1:2003 Gloves **Microflex 93-853**

Method	Description	Result	Class
EN 374-2	penetration	PASS	
EN 374-3	permeation NaOH 40%	PASS	level 6
EN 374-3	permeation H2SO4 96%	PASS	level 0
EN 374-3	permeation n-Heptane	PASS	level 1
EN 374-3	permeation Toluol	PASS	level 0

CENTEXBEL · textile competence centre · www.centexbel.be

GENT · Technologiepark 7 · BE 9052 Gent · Belgium · phone +32 9 220 41 51 · fax +32 9 220 49 55 · gent@centexbel.be

VAT · BE 0459.218.289 · IBAN · BE 44 2100 4729 6545 · BIC · GEBABEBB

Description/Picture of article

The above picture is a general picture of the article. Possible variations of the above article can be present in the technical file.

Note :
Any modification in material, design, or other technical features must be brought to the attention of the Notified Body.

CENTEXBEL · textile competence centre · www.centexbel.be

GENT · Technologiepark 7 · BE 9052 Gent · Belgium · phone +32 9 220 41 51 · fax +32 9 220 49 55 · gent@centexbel.be

VAT · BE 0459.218.289 · IBAN · BE 44 2100 4729 6545 · BIC · GEBABEBB

Certificate of Analysis

Product: Microflex 93-853	Lot Number: 101500203750151
	Manufacture Date: January 2015

Test Results:

Dimensions:

SKU	Palm Width (mm)	Glove Length (mm)
Small	86	290
Medium	97	290
Large	106	296
X-Large	116	294
XX-Large	123	290
XXX-Large	129	291

Thickness Single Wall:

SKU	Cuff Thickness (mm)	Palm Thickness(mm)	Finger Tip Thickness(mm)
Small	0.10	0.14	0.19
Medium	0.10	0.14	0.19
Large	0.11	0.15	0.20
X-Large	0.11	0.15	0.20
XX-Large	0.10	0.15	0.19
XXX-Large	0.10	0.14	0.19

Physical Properties:

	Before Aging	UOM	After Aging	UOM
Tensile	25.56	MPa	28.62	MPa
Elongation min.	631	%	543	%

Other Properties:

Powder Content:		UOM
Small	0.8	mg/glove
Medium	1.4	mg/glove
Large	1.0	mg/glove
X-Large	0.8	mg/glove
XX-Large	1.2	mg/glove
XXX-Large	1.0	mg/glove

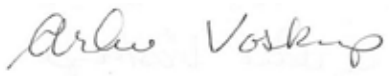
Criteria:

	AQL Level	Results
Visual Defects – Major	2.5	PASS
Visual Defects – Minor	4.0	PASS
Freedom From Holes	0.65	PASS

Test Methods utilized in the preparation of Certificate of Analysis:
Protein Level: NA
Powder Content: ASTM D 6124
Freedom from Holes: ASTM D 5151
Material Standard: ASTM D 6319
Packaging: 50 gloves per dispenser by weight

Arlene Voskamp _____ 5/4/15 _____

Quality Assurance Department (Print Name) Date



_____

Quality Assurance Department (Signature)

ESD Statement

Ansell
-
Corporate Offices
111 Wood Avenue South, Suite 210
Iselin, NJ 08830
United States

T + 1 732 345 5400
F + 1 732 219 5114

www.ansell.com

DECLARATION OF CONFORMITY

This letter certifies that the 93-843 and 93-853 can be considered an electrostatic dissipative material per the requirements of EN 1149-5 (electrostatic performance requirements for protective clothing). The EN 1149-5 standard requires a glove to comply with half decay time AND/OR surface resistivity values.

93-843 and 93-853 PF Nitrile Exam gloves have been tested for antistatic properties in accordance to the EN 1149 standard test methods for electrostatic properties. Under this standard,

1. Our 93-843 gloves achieved a half decay time of 1.63 seconds whilst the EN 1149-5 requires < 4 seconds. The surface resistivity is 2.56 x 10^{12} Ω whilst the EN 1149-5 requires < 5.10^{10} Ω.
2. Our 93-853 gloves achieved a half decay time of 1.35 seconds whilst the EN 1149-5 requires < 4 seconds. The surface resistivity is 1.24 x 10^{11} Ω whilst the EN 1149-5 requires < 5.10^{10} Ω.

As such, we can confirm that 93-843 and 93-853 are anti-static as per EN 420:2003 and EN 1149:2005.

Sincerely,

Donald J Cronk
Regulatory Affairs Manager
Microflex Corporation
Don.cronk@ansell.com

BSE-TSE Declaration

TSE / BSE Statement for Microflex 93-853

Hereby, I confirm that the Microflex 93-853 gloves do not contain any Transmissible Spongiform Encephalopathy (=TSE) sources.

Hence, we can also confirm that using this glove would not cause any diseases such as BSE (Bovine Spongiform Encephalopathy).

Regards,

Donald J. Cronk
Regulatory Affairs Manager
Single Use GBU
Email: don.cronk@ansell.com

Statement of Freedom of Latex

July 27, 2015

To Our Valued Customer,

We hereby declare that the Nitrile products listed below from Microflex are made of synthetic latex and is not made from Natural Rubber Latex, NRL.

Product Name	Product Code
Microflex 93-823	93-823
Microflex 93-843	93-843
Microflex 93-853	93-853
Microflex 93-833	93-833

Sincerely,

Donald J. Cronk
Manager, Regulatory Affairs
Microflex Corp
dcronk@barriersafe.com

Allergen Statement

Allergen Statement for Microflex 93-853

This is to confirm that the Microflex 93-853 glove does not have the following materials:

1. Allergenic protein of natural rubber latex

We further confirm the products do not contain the following items:

1. Animal derivative material
2. Cornstarch
3. Lactose
4. Nickel

The below materials are not used intentionally in our formulations but they have not been tested specifically for the content:

1. Gluten
2. Nuts
3. Egg/Protein
4. Soy
5. Fish
6. Metabisulphite
7. Melamine

Regards,

Donald J. Cronk
Regulatory Affairs Manager
Single Use GBU
Email: don.cronk@ansell.com

Permeation Breakthrough Time

Permeation breakthrough times according to EN374-3:2003 (minutes)

Glove :

Microflex® 93-853

	Chemical Agent	Breakthrough Time	Protection Index	CAS Number	Notified Body	EN Standard
	Heptane	23	1	142-82-5	TÜV Rheinland	374-3:2003
	Sodium Hydroxide, 40%	> 480	6	1310-73-2	TÜV Rheinland	374-3:2003
	Sulphuric acid, 96%	10	1	7664-93-9	TÜV Rheinland	374-3:2003
	Toluene	0	0	108-88-3	TÜV Rheinland	374-3:2003

Permeation breakthrough times according to EN374-3:2003 (minutes)						
0	1	2	3	4	5	6
< 10	10-30	30-60	60-120	120-240	240-480	> 480
Not recommended	Splash protection		Medium protection		High protection	

Data given in the table above are based on results of laboratory tests performed on the palm area of the glove or are based on extrapolations from the results of laboratory tests. These tests were run using standard test methods that may not adequately replicate any specific conditions of end use. Because Ansell has no detailed knowledge or control over the conditions of end use, any of these data must be advisory only, and Ansell must decline any liability.

Ansell Healthcare Europe N.V. (European Head Office)
Riverside Business Park, Block J
Boulevard International 55, 1070 Brussels, Belgium
Tel. +32 (0) 2 528 74 00 • Fax +32 (0) 2 528 74 01 • Fax Customer Service +32 (0) 2 528 74 03
http://www.ansell.eu • E-mail info@ansell.eu

Ansell

Cytotoxic Contact Test

ANSELL GLOVES	Microflex® 93-853	TouchNTuff® 92-605
POLYMER	Non-Sterile Nitrile	Non-Sterile Nitrile
Chemotherapy Drug Tested	Minimum Breakthrough Time (Minutes) using ASTM F739 and EN374 Test Methods	
Amethopterine Hydrate	15	2
Bleomycin Sulfate	No data	No breakthrough up to 240 minutes
Carboplatin (Paraplatin)	No breakthrough up to 240 minutes	No breakthrough up to 240 minutes
Carmustine	15	No data
Cisplatin	No data	No data
Cyclophosphamide	No breakthrough up to 240 minutes	No breakthrough up to 240 minutes
Cytarabine	No breakthrough up to 240 minutes	No breakthrough up to 240 minutes
Dacarbazine	No breakthrough up to 240 minutes	No breakthrough up to 240 minutes
Daunorubicin HCl (Cerubidine)	No data	No data
Doxorubicin Hydrochloride	No data	No data
Etoposide (Toposar)	No data	No data
Fluorouracil	No breakthrough up to 240 minutes	No breakthrough up to 240 minutes
Idarubicin HCl	No data	No data
Ifosfamide	No data	No data
Melphalan (Alkeran)	No breakthrough up to 240 minutes	No breakthrough up to 240 minutes
Methotrexate	15	No breakthrough up to 240 minutes
Mitomycin	No data	No data
Mitoxantrone	No breakthrough up to 240 minutes	No data
Paclitaxel (Taxol)	No breakthrough up to 240 minutes	No breakthrough up to 240 minutes
Thiotepa	No breakthrough up to 240 minutes	No breakthrough up to 240 minutes
Vincristine Sulfate	No breakthrough up to 240 minutes	No data

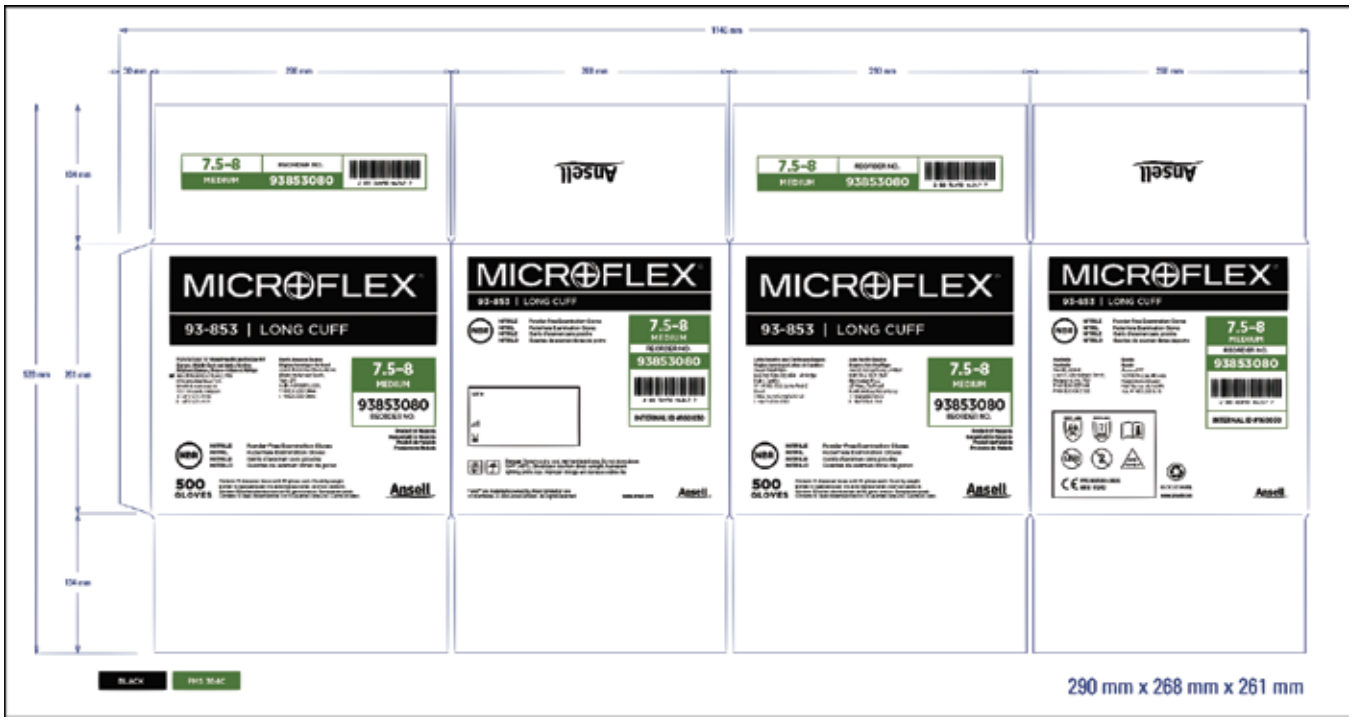
PERMEATION BREAKTHROUGH TIMES ACCORDING TO EN374 (minutes)						
0	1	2	3	4	5	6
< 10	10 - 30	30 - 60	60 - 120	120 - 240	240 - 480	> 480
Not Recommended	Splash Protection		Medium Protection		High Protection	

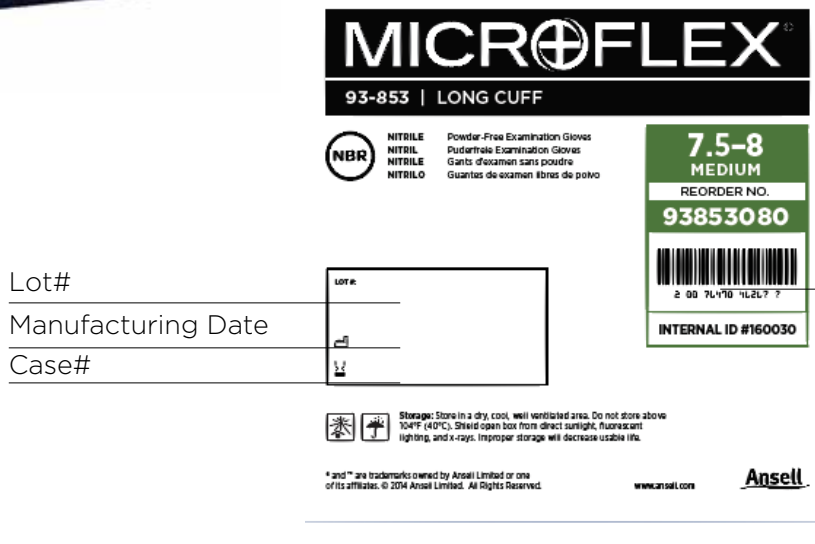
Ansell

Packaging Data

Style	Size	External ID	Quantity Per Case	Cases Per Pallet	Case Weight Kg	Case Dimensions (in mm – L x D x H)	Inner Carton Bar Code	Outer Case Bar Code
93-853	XS 5-6	93853060	10 dispenser boxes per case	62	10.6	290 x 268 x 261	10076490462656	20076490462653
93-853	S 6.5-7	93853070	10 dispenser boxes per case	62	11.1	290 x 268 x 261	10076490462663	20076490462660
93-853	M 7.5-8	93853080	10 dispenser boxes per case	62	11.7	290 x 268 x 261	10076490462670	20076490462677
93-853	L 8.5-9	93853090	10 dispenser boxes per case	62	12.2	290 x 268 x 261	10076490462687	20076490462684
93-853	XL 9.5-10	93853100	10 dispenser boxes per case	62	12.8	290 x 268 x 261	10076490462694	20076490462691
93-853	XXL 10.5-11	93853110	10 dispenser boxes per case	62	13.2	290 x 268 x 261	10076490462700	20076490462707
93-853	XXXL 11.5-12	93853120	10 dispenser boxes per case	62	11.5	290 x 268 x 261	10076490462717	20076490462714

Packaging Explanation





Barcode

Ansell

Quality Management ISO 13485:2003

Certificate

TÜVRheinland®

TUV Rheinland of North America, Inc., a CMDCAS recognized registrar, certifies that

Microflex Corporation
2301 Robb Drive
Reno NV 89523
USA

has established and maintained a

Quality Management System according to ISO 13485:2003

Audit Report No.:	31191311 004
Certificate Registration No.:	74 500 4553
Expiry Date:	August 24, 2017

for the Design and Development, Manufacture and Distribution of

Powder Free and Powdered Natural Rubber Latex and Synthetic Rubber Latex Examination Gloves

(see attachment for additional sites under certification)

SCC Accredited CB-MS

Certification Officer: B. Ludovico
TUV Rheinland of North America, Inc.
Newtown, Connecticut
Effective Date: August 25, 2014

Ansell

TÜVRheinland

Doc. 1/1, Rev. 0

Attachment

Quality Management System according to ISO 13485:2003

for

Microflex Corporation
2301 Robb Drive
Reno, NV 89523
USA

The scope of the registration also includes the following sites:

Microflex Corporation
150 Field Drive, Suite 210, Lake Forest, IL 60045 USA
Scope: Aspects related to administration.

Microflex Corporation
6940 San Tomas, Elkridge, MD 21075 USA
Scope: Aspects related to distribution.

Microflex Corporation
12055Sage Point Court, Suite 107, Reno, NV 89506 USA
Scope: Aspects related to distribution.

Microflex Corporation
1186 Arbor Drive, Romeoville, IL 60446 USA
Scope: Aspects related to distribution.

Audit Report No.:	31191311 004
Certificate Registration No.:	74 500 4553
Expiry Date:	August 24, 2017

SCC Accredited CB-MS

Certification Officer: Brian Ludovico
TUV Rheinland of North America, Inc.
Newtown, Connecticut
Effective Date: August 25, 2014

TUV Rheinland of North America, Inc., 12 Commerce Road, Newtown, CT 06470, Tel(203) 426-0888 Fax(203)426-4009

Instructions for Use

EN ES IT NL DA NO AR
FR DE PT EL FI SV RU
CS HU LV PL BG SL KO TH
ET LT MT RO SK TR MS ZH

CE&DI

Europe
Ansell Healthcare Europe NV
Blvd International, 55
1070 Brussels, Belgium
☎ +32 2 528 74 00 🖷 +32 2 528 74 01
www.anselleurope.com

United States
Ansell Healthcare
200 Schulz Drive, Red Bank NJ 07701
☎ +1 800 800 0444 🖷 +1 800 800 0445
www.ansellpro.com

Japan
Ansell Japan Ltd.
Tokyo, Japan
☎ +81 3 5805 3781

Malaysia
Ansell Services (Asia) Sdn Bhd
☎ +60 3 5541 9797

Canada
105 Lauder Street, Cowansville J2K 2K8
☎ +1 800 363 8340

Australia
Ansell Limited
Level 3, 678 Victoria Street,
Richmond, Vic, 3121
☎ +61 1800 337 041 🖷 +61 1800 803 578
www.ansellasiapacific.com

INSTRUCTIONS FOR USE
CATEGORY III / COMPLEX DESIGN

EN

ANSELL DISPOSABLE AND CRITICAL ENVIRONMENT GLOVES

A. Use
This Instruction for Use note is to be used in combination with the specific information that is mentioned on or inside each packaging enclosure.
These gloves are designed as single use gloves and should be disposed of after use. The gloves are liquid proof, and can therefore be used for splash protection against certain chemicals.
They are in conformity with, and are marked per the requirements of the European Directive 89/686/EEC and its amendments. They also comply with the applicable European Standards.
Gloves which are accompanied with the pictogram which designates contact with foodstuffs, are also in conformity with the European Regulations 1935/2004 and 2023/2006 as well as with all applicable National Regulations for Food-contact materials.
Please ensure the gloves are used only for the designated purposes.

Explanation of pictograms:

A B C D EN 388: 2003 Protection from mechanical risks	A: Abrasion resistance B: Cut resistance C: Tear resistance D: Puncture resistance	A B C D E FGHIJKL EN 374: 2003 Chemical breakthrough time > 30 minutes against :	A = methanol B = acetone C = acetonitrile D = dichloromethane E = carbon disulfide F = toluene G = diethylamine H = tetrahydrofurane I = ethyl acetate J = n-heptane K = sodium hydroxide, 40% L = sulphuric acid, 96%
EN 374: 2003 Protection against micro-organisms (AQL ≤ 1.5)	EN 374: 2003 Liquidproof gloves. Chemical resistance data available upon request.	EN 421 Protection against radio-active contamination	Suitable for contact with foodstuffs

Warning! The information given in the pictograms or data provided on chemical resistant breakthrough times is based on lab tests and is therefore advisory only since it does not necessarily reflect the actual duration in the workplace.
EC-Type examination certificate from Centexbel Belgium (I.D. 0493), Technologiepark 7, B-9052 Zwijnaarde.
For more detailed information on the glove's performance and to obtain a copy of the Conformity Declaration, please consult Ansell.

B. Precautions for use
1. Before usage, inspect the gloves for any defects or imperfections. If the gloves are ripped or punctured during use, dispose of them immediately. If in doubt, do not use the gloves, get a new pair.
2. If the gloves are used against chemicals, it is essential to keep all chemicals from the skin, even if they are thought to be harmless. Therefore use gloves which are rated with a protection index of 6 or with an excellent degradation resistance rating. In all other cases, the gloves should be used for splash protection or short contact only. Ensure that chemicals cannot enter via the cuff. For more details regarding chemical suitability, please contact the Ansell Technical department.
3. Avoid wearing gloves which are dirty on the inside – they may irritate the skin causing dermatitis or worse.
4. Contaminated gloves should be cleaned or washed before removal.
5. The gloves should not be used in applications requiring thermal protection.
6. Disposable glove type versions with a glove length below 260 mm are 'Fit for Special Purpose gloves' because they are to be used to protect the hand ONLY from chemical splashes when handling chemicals. Do not use the gloves when protection in the cuff area is needed.
7. Gloves shall not be used for protection against ionising radiation nor for use in containment enclosures.
8. Not all gloves that are suitable for contact with foodstuffs can be used against all foodstuffs. Some gloves may show excessive migration towards certain types of foodstuffs. To know which restrictions apply and for which specific foodstuffs the gloves can be used, please obtain advise from the Ansell technical department or consult the Ansell Food Conformity declaration.
9. If gloves are marked, the printed surfaces shall not come in contact with food.

C. Ingredients / Hazardous ingredients
Some gloves might contain ingredients which are known to be a possible cause of allergies in sensitised persons, who may develop irritant and/or allergic contact reactions. If allergic reactions should occur, obtain medical advice immediately.
For more information, please contact Ansell's Technical department.

D. Care instructions
Storage: Keep away from direct sunlight; store in a cool dry place.
Keep away from ozone sources or naked flame.
Cleaning: The gloves are not designed to be laundered.

E. Disposal
Used gloves may be contaminated with infectious or other hazardous materials.
Dispose of according to Local Authority Regulations.
Landfill or incinerate under controlled conditions.

09/2009

Ansell

Ansell

Ansell

Available in EMEA

Overview of Single-Use Product Portfolio

Brand	Style	Length (mm)	Palm Thickness (mm)	Key Features & Benefits
Natural Rubber Latex				
TouchNTuff®	69-318	240	0.12	• Ideal for intricate handling of objects • The lightest, powder free natural rubber latex style
Microflex®	63-864	245	0.16	• Thick glove with secure and reliable grip • Double chlorinated for easy donning
Nitrile				
Microflex®	93-823	240	0.06	• Low dermatitis potential • Advanced tactile sensitivity
Microflex®	93-243	400	0.12	• Extra long cuff for added protection • Packed in polybag to reduce contamination
Microflex®	93-833	240	0.07	• Strongest thin mil nitrile defends against rip tear • Ansell ERGOFORM™ technology proven to reduce hand fatigue • Exceptional barrier integrity with 0.65 AQL
TouchNTuff®	92-670	240	0.11	• Enhanced chemical splash protection • Proprietary, soft, thin nitrile formulation • Textured fingers for good grip in wet and dry conditions
TouchNTuff®	92-665	300	0.11	• Increased level of chemical splash protection • Textured for wet and dry grip conditions
Microflex®	93-843	245	0.11	• Exceptional barrier integrity with 0.65 AQL • Ideal for longer wear times
Microflex®	93-852	245	0.12	• Non foaming in wet environments • Excellent grip throughout the palm • Black color masks stains
TouchNTuff®	93-250	240	0.12	• Soft nitrile reduces hand and arm fatigue • Less force needed to grip wet and dry objects • Silicone free
TouchNTuff®	92-600	240	0.12	• Enhanced chemical splash protection • Proprietary, soft, thin nitrile formulation • Silicone free
TouchNTuff®	92-605	300	0.12	• Longer cuff protects the forearm • Enhanced chemical splash protection • Silicone free
TouchNTuff®	92-500	240	0.12	• Powdered for easy donning and moisture absorption • Proprietary, soft, thin nitrile formulation • Enhanced chemical splash protection
Microflex®	93-853	295	0.14	• Increased strength and durability for maximum protection • Exceptional barrier integrity with 0.65 AQL • Approved for use with chemotherapy drugs (ASTM D 6978)
Microflex®	93-856	270	0.13	• High visibility • Approved for use with chemotherapy drugs (ASTM D 6978)
TouchNTuff®	93-163 / 93-263	355	0.17	• Long cuff provides added protection to forearm • Excellent puncture resistance • 93-163: gloves packed in dispenser / 93-263: gloves packed in polybag • 93-263: double chlorinated for easy donning
Neoprene				
Microflex®	73-847	245	0.10	• Ansell ERGOFORM™ technology proven to reduce hand fatigue • Exceptional wet grip
NeoTouch®	25-101	240	0.13	• Polyurethane inner-coating for easy donning • Excellent splash resistance to most acids and alcohols • Good wet and dry grip
NeoTouch®	25-201	290	0.13	• Polyurethane inner-coating for easy donning • Excellent splash resistance to most acids and alcohols • Good wet and dry grip
Vinyl				
DuraTouch®	34-755	235	0.08	• A general purpose, clear vinyl glove • Smooth finish and powdered for easy donning