

BOSS EUROPE Verpetveien 48 1540 Vestby +47 90806070	TECHNICAL SHEET Ed.03 S.30
Product: NITRILE POWDER-FREE GLOVE	Date: JULY 2016

I - GENERAL

TYPE:	NITRILE GLOVE, POWDER FREE, NON - STERILE		
CLASIFICATION:	PERSONAL PROTECTIVE EQUIPMENT PPE-CAT.III		
	MEDICAL DEVICE CAT. I		
REF.	SIZE	EAN	DUN
270	XS	8431026002709	28431026002703
271	S	8431026002716	28431026002710
272	M	8431026002723	28431026002727
273	L	8431026002730	28431026002734
274	XL	8431026002747	28431026002741

II – PICTURES



III – PRODUCT TECHNICAL DATA

- **Product classification**
PPE - Category III (European directive 89/686/CEE)
Medical device - Type I (European directive 93/42/CEE)
- **Recommended applications:** To prevent and to reduce contamination risks.
General cleaning and maintenance duties. These gloves are also suitable for food contact.
- **Material:** 100% rubber nitrile.
- **Chemical additives:**

The following chemical additives are used during manufacturing process.

Chemical name	Cas number	%	Application
Nitrilo	9003-18-3	94.6	Polimer
Titanium dioxide	13463-67-7	2.5	Pigment
Zinc oxide	1314-13-2	1.4	Chemical dispersion
Potassium hydroxide	1310-58-3	1.0	Stabilizer
Sulfur	7704-34-9	0.9	Curing agent
(ZDBC)	136-23-2	0.5	Acelerator

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There is no presence of the following chemical agents after the production process

Chemical test ($\mu\text{g/g}$)	Results
Tetrametiltiurano bisulfato (TMTD)	Not detectable
Mercaptobenzotiazol (MBT)	Not detectable
Mercaptobenzotiazol de Zinc (ZMBT)	Not detectable
Mercaptobenzimidazol de Zinc (ZMBI)	Not detectable
Dietilditiocarbamato de Zinc (ZDEC)	Not detectable
Dimetiltiocarbamato de Zinc (ZDMC)	Not detectable
Pentameten-diotiocarbamato de Zinc (ZPMC)	Not detectable
Dibutilditiocarbamato de Zinc (ZDBC)	Not detectable
Butil-Hidroxitolueno (BHT)	Not detectable
Butil-hidroxianisol (BHA)	Not detectable
Difenil Guanidina (DPG)	Not detectable
Difenil Tiourea (DPT)	Not detectable
Tetrasulfuro de Dipentametiltiuram (DPTT)	Not detectable
Dibencil ditiocarbamato de Zinc (ZBED)	Not detectable

- **Product features:**

Ambidextros
Powder-free
Beaded cuff
High sensibility
Elasticity and adaptability
Non-sterile product
Disposable. Single-use product
A.Q.L. 1.5

- **Color:** Blue

- **Poweder content:** Powder free

- **Finishing:** Textured finishing outside and smooth chlorinated inside

- **Suitable to contact the following foodstuffs:** All aqueous, alcoholic and acidic foods (Simulant A,B,C and D1)

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- **Dimensions:**

ISO / EN	Size	Weight(+/- 0.03g)	Lenght (mm ± 5)	Widht (mm ± 2)	Thickness (mm ± 0.03)		
					Fingertip	Palm	Cuff
EN-420	XL	4.5g	240	115	0.10	0.07	0.05
EN-420	L	4.2g	240	105	0.10	0.07	0.05
EN-420	M	3.6g	240	94	0.10	0.07	0.05
EN-420	S	3.1g	240	84	0.10	0.07	0.05
EN-420	XS	2.8g	240	75	0.10	0.07	0.05

- **Physical properties:**

Feature	Before aging	After aging
Tensile strenght (MPa)ASTM	14 MPa (min)	14 MPa (min)
Ultimate elongation (%) ASTM	550 % (min)	400 % (min)
Break force (N) EN-455-2	6.0 N (min)	6.0 N (min)

- **Conditions of use:** -20°C y 50°C

- **Storage conditions:** Store in dry and ventilated area. Avoid from direct sunlight.

- **Expiry date:** 5 years from manufactory date

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- **Pictograms:**



- **Packaging:**

Dispenser box: Carton box with 100 pieces
External carton with 10 dispenser boxes
Size indicator in both carton and dispenser box.

- **Cautions:**

Avoid direct contact with oil and organic solvents.
Verify glove integrity before using.
Single use. Do not re-use.
Wash and dry your hands before and after using.

- **Labelling:**

Product name
Manufacturer address and name
Industrial register number
Size
Lot number
Content
Manufacture and expiry dates
Temperature and storage conditions
Pictograms:

- Protection against chemical and micro organisms
- CE Mark
- Single-use pictograms
- Food contact (fork and knife)

Barcode (EAN-13)
A.Q.L. 1.5

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- **Logistic data sheet:** 10 dispenser boxes with 100 gloves each (10 x 100)

Ref	Size	EAN	DUN	Box/carton	Carton/layer	Layer/palet	Units/palet
270	XS	8431026002709	28431026002703	10	12	7	840
271	S	8431026002716	28431026002710	10	12	7	840
272	M	8431026002723	28431026002727	10	12	7	840
273	L	8431026002730	28431026002734	10	12	7	840
274	XL	8431026002747	28431026002741	10	12	7	840

IV – LEGAL REQUIREMENTS

- **Rules of application:**

These gloves comply with:

- UNE-EN 374- 1,2,3
- UNE-EN 455-1,2,3
- UNE-EN 388
- UNE-EN 420

- ISO 9001:2008 –CE CERTIFICATES

CE-CAT-III, According to European Directive 89/686/CEE.
Medical device - Type I (European directive 93/42/CEE).

- **Information:**

The information above is given with the aim of helping the user to choose the best PPE in each case.
However, if additional information is required, do not hesitate in contact our customer service department.
(PHONE: +45 73 66 12 04, E-MAIL: info@rvu.dk)