

Product Specification

Product Specification:

- **Product Name:** Nitrile Butadiene Rubber (NBR) Examination Gloves, PowderFree
- **Product number:** GN001-S, GN001-M, GN001-L
- **Batch/Lot Number:** HR251023
- **Manufacturing Date:** 2025-11-14
- **Expiry Date:** 2030-11-13

1. General Information

- **Product Reference:** NPF2001-2006
- **Description:** Disposable Nitrile Glove, Powder-free
- **Classification:** PPE Category III (Complex Design) according to PPE Regulation (EU) 2016/425
- **Available Sizes:** S/7 to L/9

2. Regulatory Compliance & Standards

This product is certified by SATRA Technology Europe Ltd (Notified Body 2777) and complies with the following standards:

- EN ISO 21420:2020 (General requirements for protective gloves)
- EN ISO 374-1:2016+A1:2018 / Type B (Chemical permeation protection)
- EN ISO 374-5:2016 (Protection against micro-organisms and viruses)

3. Performance Results

A. Chemical Resistance (EN ISO 374-1 / EN ISO 374-4)

Tested Chemical	Permeation Performance Level	Mean Degradation (%)
40% Sodium Hydroxide (K)	Level 6 (>480 mins)	-58.9%
37% Formaldehyde (T)	Level 4 (>120 mins)	1.9%
30% Hydrogen Peroxide (P)	Level 2 (>30 mins)	-0.8%

The information is based on our present state of knowledge and is intended to provide general notes on our products on their use. It should therefore not be constructed as guaranteeing specific properties of the products described or their suitability for a particular application. Any existing industrial property rights must be observed. The quality of our products is guaranteed under our General Conditions of Sale.

B. Protection Against Biological Hazards (EN ISO 374-5 / ISO 16604)

- Protection against Bacteria and Fungi: Pass
- Protection against Viruses: Pass
 - *Tested using Phi-X174 bacteriophage as per ISO 16604:2004 (Procedure B).*
- Water Leak Test (EN 374-2:2019): Pass (No leaks detected)

C. Physical & Safety Properties (EN ISO 21420)

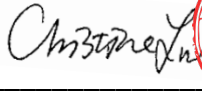
- Dexterity: Level 5 (Highest performance level)
- pH Value: Pass (Results: 6.5 – 6.6)
- PAHs Content (REACH Annex XVII): Pass (Not Detected)
- Glove Length: Compliant with minimum length requirements for all sizes.

4. Certification Summary

- EU Type-Examination Certificate No.: 2777/14615-02/E00-00
- Issued by: SATRA Technology Europe Limited (NB 2777)

Approvals:

- Reported By:  Quality Assurance Officer / QA Executive

- Approved By:   Quality Assurance Manager

The information is based on our present state of knowledge and is intended to provide general notes on our products on their use. It should therefore not be constructed as guaranteeing specific properties of the products described or their suitability for a particular application. Any existing industrial property rights must be observed. The quality of our products is guaranteed under our General Conditions of Sale.