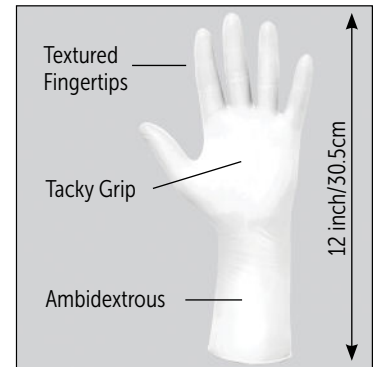


# TECHNICAL DATA SHEET

## Description

HALYARD\* **PUREZERO\*** HG3 White Nitrile Cleanroom Gloves are designed for semiconductor, pharmaceutical and medical device manufacturing applications. These gloves are clean processed (washed repeatedly in deionized water) to ensure consistent control of low particles and extractables and are recommended for use in ISO Class 3 or higher and Grade B/C/D cleanrooms. Because HALYARD\* **PUREZERO\*** White Nitrile Gloves have an **accelerator-free**<sup>1</sup> formulation, there is a reduced risk of allergies and skin irritation associated with accelerator chemicals in other nitrile gloves.



Manufactured at OUR OWN  
Safeskin Facility in Thailand.

## Cleanliness Properties

Max Particle Count (>0.5 µm)	<950 Particles/cm <sup>2</sup>	IEST RP-CC005
<b>Ionic Content (Extractable ions)</b>	<b>Max Level (ug/g)</b>	IEST RP-CC005
Calcium	50	
Chloride	35	
Magnesium	5	
Nitrate	20	
Potassium	5	
Sodium	10	
Sulfate	10	
Zinc	7	
Ammonium	5	

## Physical Properties

AQL	1.0
Non-Sterile	✓
Ambidextrous	✓
Tacky Grip	✓
Textured Fingertips	✓
Accelerator-Free <sup>1</sup>	✓
Latex-Free	✓
Powder-Free	✓
Silicone-Free	✓
Static Dissipative in Use	✓
Tensile Strength <sup>2</sup>	35 MPa (Target)
Ultimate Elongation <sup>2</sup>	600%
Shelf Life	3 Years

## Glove Dimensions

	X-SMALL	SMALL	MEDIUM	LARGE	X-LARGE
<b>Glove Length (inch/cm)</b>	12"/30.5	12"/30.5	12"/30.5	12"/30.5	12"/30.5
<b>Middle Finger Length (mm)</b>	71	78.5	80.5	88.1	91.6
<b>Width of Palm (mm)</b>	70	80	95	110	120
<b>Finger Tip Thickness</b>	0.16 mm (6.2 mil)	0.16 mm (6.2 mil)	0.16 mm (6.2 mil)	0.16 mm (6.2 mil)	0.16 mm (6.2 mil)
<b>Palm Thickness</b>	0.13 mm (5.1 mil)	0.13 mm (5.1 mil)	0.13 mm (5.1 mil)	0.13 mm (5.1 mil)	0.13 mm (5.1 mil)
<b>Cuff Thickness</b>	0.10 mm (3.9 mil)	0.10 mm (3.9 mil)	0.10 mm (3.9 mil)	0.10 mm (3.9 mil)	0.10 mm (3.9 mil)



# HALYARD\* PUREZERO\* HG3 White Nitrile Gloves

For the Cleanroom Environment  
For Industrial Use Only

## TECHNICAL DATA SHEET

### Packaging Data

Double bag, plus case liner  
1000 gloves per case: 100 gloves per PE bag X 10 PE bags per lined carton  
Packaged in ISO Class 5 Cleanroom

### Quality & Regulatory Standards

Compliant to these regulatory standards:

ISO 9001  
ISO 13485  
ISO 14001

Compliant to these food handling regulatory standards:

FDA 21 CFR 177-2600  
FDA 21 CFR 180.22  
Commission Regulation (EU) No 10/2011  
CE 2797 PPE Category III according to Regulation (EU) 2016/425 EEC  
EN 16523-1:2015+A1:2018  
EN ISO 374-2:2019  
EN ISO 374-4:2019  
EN ISO 374-5:2016 Bacteria, Fungi, and Virus Protection  
EN ISO 374-1:2016+A1:2018/ Type B  
EN ISO 21420:2020 Dexterity Classification: Level 5

Compliant with the REACH regulation

RoHS 2011/65/EU Annex II

Static Dissipative in Use

Tested per ANSI/ ESD SP 15.1

Meets USP <800> Guidelines

### Additional Glove Information

Recommended for use in ISO Class 3 or higher and Grade B/C/D cleanrooms.

Tested against 29 chemicals, 14 chemotherapy drugs and Fentanyl.

Made in Thailand

Declaration of Conformity (DoC) and Certificates of Analysis (COA) for every production lot available online at [halyardhealth.com/information](http://halyardhealth.com/information)

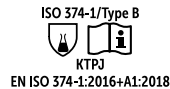
### Storage Instructions

HALYARD\* PUREZERO\* Nitrile Gloves shall be stored in conditions where the product is kept dry (away from moisture), away from direct sunlight, away from sources of heat, and away from radioactive sources.

### Ordering Information

**HALYARD\* PUREZERO\* HG3 WHITE NITRILE GLOVES,  
NON-STERILE, AMBIDEXTROUS, TACKY**

Size	Code
XS	CLN3031XS
SM	CLN3031SM
MD	CLN3031MD
LG	CLN3031LG
XL	CLN3031XL



For additional information  
or samples, contact your  
local distributor or visit  
[www.purezerogloves.com](http://www.purezerogloves.com)

1 Not formulated with these commonly used vulcanizing chemicals: Sulfur, Thiurams, Thioxoles, Guanidines and Carbamates.

2 Tested per ASTM D412

This fact sheet has been created using the most recent information. In the interest of continuous improvement, the characteristics of the products may change without prior notice.