



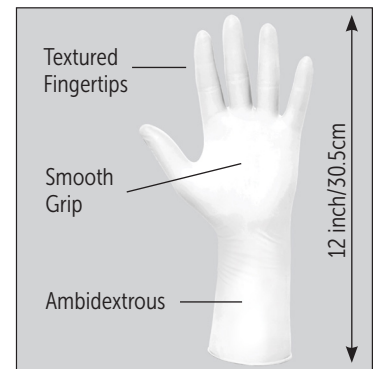
HALYARD* PUREZERO* HG3 SMOOTH White Nitrile Gloves

For the Cleanroom Environment
For Industrial Use Only

TECHNICAL DATA SHEET

Description

HALYARD* **PUREZERO*** HG3 SMOOTH 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 A/B/C/D cleanrooms. Because HALYARD* **PUREZERO*** SMOOTH White Nitrile Gloves have an **accelerator-free**¹ formulation, there is a reduced risk of allergies and skin irritation associated with accelerator chemicals in other nitrile gloves.



Cleanliness Properties

Max Particle Count	>0.5µm / cm2 <950	TEST RP-CC005
Ionic Content (Extractable ions)	Max Level (ug/g)	TEST RP-CC005
Calcium	50	
Chloride	35	
Magnesium	5	
Nitrate	20	
Potassium	5	
Sodium	10	
Sulfate	10	
Zinc	25	
Ammonium	5	

Physical Properties

AQL	1.0
Non-Sterile	✓
Ambidextrous	✓
Smooth Grip	✓
Textured Fingertips	✓
Accelerator-Free ¹	✓
Low Dermatitis Potential	✓
Latex-Free	✓
Powder-Free	✓
Silicone-Free	✓
Static Dissipative in Use ²	✓
Tensile Strength ³	20 MPa (Target)
Ultimate Elongation ³	600%
Shelf Life	5 Years

Glove Dimensions

	X-SMALL	SMALL	MEDIUM	LARGE	X-LARGE
Glove Length (inch/cm)	12"/30.5	12"/30.5	12"/30.5	12"/30.5	12"/30.5
Middle Finger Length (mm)	71	78.5	80.5	88.1	91.6
Width of Palm (mm)	70	80	95	110	120
Finger Tip Thickness	0.16 mm (6 mil)	0.16 mm (6 mil)	0.16 mm (6 mil)	0.16 mm (6 mil)	0.16 mm (6 mil)
Palm Thickness	0.13 mm (5 mil)	0.13 mm (5 mil)	0.13 mm (5 mil)	0.13 mm (5 mil)	0.13 mm (5 mil)
Cuff Thickness	0.10 mm (4 mil)	0.10 mm (4 mil)	0.10 mm (4 mil)	0.10 mm (4 mil)	0.10 mm (4 mil)



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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

Compliant to these food handling regulatory standards:

FDA 21 CFR 177-2600

Commission Regulation (EU) No 10/2011

Japan Food Sanitation Act

FDA 21 CFR part 820 accreditation

CE 2797 PPE Category III according to Regulation (EU) 2016/425 EEC

EN ISO 374-5:2016 Virus Protection

EN ISO 374-1:2016/Type C K-Low Chemical Protection

EN 420:2003 +A1:2009

Compliant with the REACH regulation

Static Dissipative in Use

Tested per ANSI/ ESD SP 15.1

Tested against EN 1149: Protective Clothing - Electrostatic Properties

Additional Glove Information

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

Made in Thailand

Declaration of Conformity (DoC) and Certificates of Analysis (COA) for every production lot available on-line at halyardhealth.com/information

Manufactured in our
Safeskin Medical & Scientific
(Thailand) Ltd. location

Ordering Information

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

Size	Code
XS	CLN3231XS
SM	CLN3231SM
MD	CLN3231MD
LG	CLN3231LG
XL	CLN3231XL

CE 2797
(PPE Cat. III)



For additional information
or samples, contact your
local distributor or visit
www.purezerogloves.com

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

² Tested against ANSI SP 15.1 and EN 1149 (Protective Clothing - electrostatic properties)

³ Tested per ASTM D6319, EN 455-2

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.