

**PRODUCT**

# HALYARD **PUREZERO** HG3 SMOOTH White Nitrile Gloves

## TECHNICAL DATASHEET



**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<sup>1</sup> formulation, there is a reduced risk of allergies and skin irritation associated with accelerator chemicals in other nitrile gloves.

**FEATURES**

- Textured Fingertips
- Smooth Grip
- Ambidextrous
- 12" Length
- AQL: 1.0
- ISO: Class 3

**CE 2797**  
(PPE Cat. III)

ISO 374-5:2016



VIRUS

ISO 374-1:2016/Type C



K-Low Chemical



To request a quotation or for more information, please call **+44 (0)1473 836205**  
email [info@integritycleanroom.co.uk](mailto:info@integritycleanroom.co.uk) or visit [www.integritycleanroom.co.uk](http://www.integritycleanroom.co.uk)

IMPORTANT: This data sheet and its contents (the "Information") belong to Integrity Cleanroom or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but Integrity Cleanroom assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where Integrity Cleanroom was aware of the possibility of such loss or damage arising) is excluded. © 2023 Integrity Cleanroom.

## CLEANLINESS PROPERTIES

MAX PARTICLE COUNT	>0.5µm / cm2 <900	IEST RP-CC005
IONIC CONTENT (EXTRACTABLE IONS)	MAX LEVEL (µg/g)	IEST RP-CC005
Calcium	50	-
Chloride	35	-
Magnesium	5	-
Nitrate	20	-
Potassium	5	-
Sodium	10	-
Sulfate	10	-
Zinc	25	-
Ammonium	5	-

## PHYSICAL PROPERTIES

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

## GLOVE DIMENSIONS

PROPERTIES	XS	S	M	L	XL
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
Fingertip 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)

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.

To request a quotation or for more information, please call **+44 (0)1473 836205**  
email [info@integritycleanroom.co.uk](mailto:info@integritycleanroom.co.uk) or visit [www.integritycleanroom.co.uk](http://www.integritycleanroom.co.uk)

IMPORTANT: This data sheet and its contents (the "Information") belong to Integrity Cleanroom or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but Integrity Cleanroom assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where Integrity Cleanroom was aware of the possibility of such loss or damage arising) is excluded. © 2023 Integrity Cleanroom.

## QUALITY & REGULATORY STANDARDS

COMPLIANCE	STANDARD
Compliant to these regulatory standards:	ISO 9001
	ISO 13485
Compliance to REGULATION (EU) 2017/745	
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
Compliant with the REACH regulation	EN 420:2003 +A1:2009
Static Dissipative in Use	Tested per ANSI/ ESD SP 15.1
	Tested against EN 1149: Protective Clothing - Electrostatic Properties

## PRODUCTS

PRODUCT CODE	DESCRIPTION	SIZE	CASE QTY.
602-4202	<b>PUREZERO</b> HG3 SMOOTH White Nitrile Gloves	XS	100 pcs per pack / 10 packs per case
602-4203	<b>PUREZERO</b> HG3 SMOOTH White Nitrile Gloves	S	100 pcs per pack / 10 packs per case
602-4204	<b>PUREZERO</b> HG3 SMOOTH White Nitrile Gloves	M	100 pcs per pack / 10 packs per case
602-4205	<b>PUREZERO</b> HG3 SMOOTH White Nitrile Gloves	L	100 pcs per pack / 10 packs per case
602-4206	<b>PUREZERO</b> HG3 SMOOTH White Nitrile Gloves	XL	100 pcs per pack / 10 packs per case

To request a quotation or for more information, please call **+44 (0)1473 836205**  
 email [info@integritycleanroom.co.uk](mailto:info@integritycleanroom.co.uk) or visit [www.integritycleanroom.co.uk](http://www.integritycleanroom.co.uk)

IMPORTANT: This data sheet and its contents (the "Information") belong to Integrity Cleanroom or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but Integrity Cleanroom assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where Integrity Cleanroom was aware of the possibility of such loss or damage arising) is excluded. © 2023 Integrity Cleanroom.