

PRODUCT

HALYARD **PUREZERO** HG3 White Sterile Nitrile Gloves

TECHNICAL DATASHEET**DESCRIPTION**

HALYARD **PUREZERO** HG3 White Sterile Nitrile Cleanroom Gloves are designed for critical cleanroom environments such as pharmaceutical and biotechnology cleanroom manufacturing as well as sterile compounding cleanroom applications. These hand specific gloves are clean processed (washed repeatedly in deionized water) to ensure consistent control of low particles, extractables and endotoxin levels, and are recommended for use in ISO Class 3 or higher and Grade A/B/C/D cleanrooms. Because HALYARD **PUREZERO** HG3 White Sterile Nitrile Cleanroom Gloves are made with an accelerator-free¹ nitrile polymer, there is a reduced risk of allergies and skin irritation associated with accelerator chemicals in other nitrile gloves.

FEATURES

- Textured Fingertips and Palms
- Smooth Grip
- Hand Specific
- 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 or visit www.integritycleanroom.co.uk

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CLEANLINESS PROPERTIES

MAX PARTICLE COUNT	>0.5µm / cm2 <950	IEST RP-CC005
MAX ENDOTOXIN LEVEL	<20 EU	
IONIC CONTENT (EXTRACTABLE IONS)	MAX LEVEL (ug/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
Sterile	✓
Hand Specific Pairs	✓
Smooth Grip	✓
Textured Fingertips and Palms	✓
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%
Sterility Assurance Level (SAL)	10 ⁻⁶
Shelf Life	5 Years

GLOVE DIMENSIONS

PROPERTIES	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0
Glove Length (inch/cm)	12"/30.5	12"/30.5	12"/30.5	12"/30.5	12"/30.5	12"/30.5	12"/30.5	12"/30.5
Middle Finger Length (mm)	70.8	72.4	80.6	83.9	86.0	90.1	92.7	96.2
Width of Palm (mm)	80	87	94	98	109	114	120	128
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)	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)	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)	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.

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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.
602-4189	PUREZERO HG3 White Sterile Nitrile Gloves	6.0	2 pcs/pouch 20 pouches/pk 10 pks/case
602-4190	PUREZERO HG3 White Sterile Nitrile Gloves	6.5	2 pcs/pouch 20 pouches/pk 10 pks/case
602-4191	PUREZERO HG3 White Sterile Nitrile Gloves	7.0	2 pcs/pouch 20 pouches/pk 10 pks/case
602-4192	PUREZERO HG3 White Sterile Nitrile Gloves	7.5	2 pcs/pouch 20 pouches/pk 10 pks/case
602-4193	PUREZERO HG3 White Sterile Nitrile Gloves	8.0	2 pcs/pouch 20 pouches/pk 10 pks/case
602-4194	PUREZERO HG3 White Sterile Nitrile Gloves	8.5	2 pcs/pouch 20 pouches/pk 10 pks/case
602-4195	PUREZERO HG3 White Sterile Nitrile Gloves	9.0	2 pcs/pouch 20 pouches/pk 10 pks/case
602-4196	PUREZERO HG3 White Sterile Nitrile Gloves	10.0	2 pcs/pouch 20 pouches/pk 10 pks/case

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