

**PRODUCT**

# HALYARD **PUREZERO** HG3 Blue Nitrile Gloves

**TECHNICAL DATASHEET****DESCRIPTION**

HALYARD **PUREZERO** HG3 Blue 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** HG3 Blue 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
- Tacky 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**  
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## CLEANLINESS PROPERTIES

| MAX PARTICLE COUNT                  | >0.5µm / cm2<br><1200 | IEST<br>RP-CC005 |
|-------------------------------------|-----------------------|------------------|
| IONIC CONTENT<br>(EXTRACTABLE IONS) | MAX LEVEL<br>(µg/g)   | IEST<br>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                           | ✓               |
| Tacky 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) | 72                 | 78.9               | 81.6               | 88.2               | 92.1               |
| Width of Palm (mm)        | 70                 | 80                 | 95                 | 110                | 120                |
| Fingertip 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)    |
| Palm Thickness            | 0.08 mm (3.1 mil)  | 0.08 mm (3.1 mil)  | 0.08 mm (3.1 mil)  | 0.08 mm (3.1 mil)  | 0.08 mm (3.1 mil)  |
| Cuff Thickness            | 0.07 mm (2.75 mil) | 0.07 mm (2.75 mil) | 0.07 mm (2.75 mil) | 0.07 mm (2.75 mil) | 0.07 mm (2.75 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. Manufactured in the Safeskin Medical & Scientific (Thailand) Ltd. location

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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.                           |
|--------------|-----------------------------------------|------|-------------------------------------|
| 602-4184     | <b>PUREZERO</b> HG3 Blue Nitrile Gloves | XS   | 250 pcs per pack / 6 packs per case |
| 602-4185     | <b>PUREZERO</b> HG3 Blue Nitrile Gloves | S    | 250 pcs per pack / 6 packs per case |
| 602-4186     | <b>PUREZERO</b> HG3 Blue Nitrile Gloves | M    | 250 pcs per pack / 6 packs per case |
| 602-4187     | <b>PUREZERO</b> HG3 Blue Nitrile Gloves | L    | 250 pcs per pack / 6 packs per case |
| 602-4188     | <b>PUREZERO</b> HG3 Blue Nitrile Gloves | XL   | 250 pcs per pack / 6 packs per case |

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