

## Cleanroom gloves

### ◆ Product Description

Dust-Free High-Temperature Resistant Gloves are a type of protective gloves specifically designed for high-temperature operations in clean environments. Made of dust-free composite materials, they feature excellent high-temperature resistance and heat insulation, while maintaining operational flexibility and comfort.



- Precise Heat Insulation Control
- Dust-Free Protection Assurance
- Operational Flexibility Optimization
- Comprehensive Safety Certification
- Operational Convenience

### ◆ Product Structure

- This product adopts a three-layer composite dust-free and high-temperature resistant structure, equipped with Kevlar fire-resistant stitching: the outer layer is a special dense-woven fabric containing 99% aramid fibers and 1% carbon conductive fibers; the heat insulation layer is an inorganically coated silicon-based aerogel composite material; the inner lining layer is an anti-static silk fabric with carbon-based conductive fibers embedded at a spacing of  $\leq 10\text{mm}$ , which can prevent static electricity accumulation during donning and doffing as well as the inner lining from peeling off and pilling.

### ◆ Typical Applications

- Dust-free high-temperature resistant gloves are suitable for work scenarios that need to meet both high-temperature protection and dust-free requirements, specifically covering semiconductor wafer manufacturing and packaging testing, reflow soldering in surface mount technology (SMT), high-temperature coating of optical components, high-temperature sample handling in laboratories, and high-temperature equipment operation in clean workshops of the food and pharmaceutical industries.

### ◆ Typical Product Data and Physical Properties

Material: Dust-free Composite Heat-Insulating Material

Size: One Size Fits All

Color: White

Total Length:  $27\text{CM} \pm 1\text{CM}$

High-Temperature Resistance:  $150\text{-}200^{\circ}\text{C}$

Heat Insulation Performance: Body Feeling Temperature  $< 40^{\circ}\text{C}$

### Availability:

Item#	Size	Color	Packaging
1.1.05.16.0016	OS	White	1 pair/bag

### ◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

### ◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data for reference only

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