

# Nitrile Examination Gloves



Confidence is key. When you touch, smell and stretch a pair of our Nitrile Gloves, you will feel the quality and consistency that is inherent in all **DuraShield** gloves. Slip your hand into a pair, and you will quickly discover that these are gloves you can rely on for protection and comfort.

**Precision-Grip<sup>™</sup> Nitrile Gloves** are entirely LATEX-FREE making them suitable for latex sensitive users. Strong, yet soft and flexible, these gloves are comfortable for extended wear purposes. Precision-Grip Nitrile offer unsurpassed tactile sensitivity, dexterity, flexibility and tensile strength.

Available in Lightly Powdered or Powder Free, with a beaded cuff for easy donning. Ambidextrous gloves are nine inches in length with micro-textured fingers for secure wet/dry handling. **Precision-Grip<sup>™</sup> Nitrile Exam Gloves** are the ideal choice for medical and laboratory use as well as industries where hand protection is required.

**Applications:** Medical, Dental, Laboratory, Industrial, Safety

## Specifications

### Tensile Properties

Puncture Resistance.....	Not Less than 5.0 N
<u>Unaged</u>	
Tensile Strength (MPA).....	Not Less than 14.0
Elongation, %.....	Not Less than 500
Force at Break.....	Not Less than 7.5 N
<u>Aged 70 +/- 2° C for 7 days</u>	
Tensile Strength (MPA).....	Not Less than 14.0
Elongation, %.....	Not Less than 500
Force at Break.....	Not Less than 5.5 N

\*Specifications subject to change without notice

### Dimensions

<u>Width</u>	
Small.....	85 / 5 mm
Medium.....	95 / 5 mm
Large.....	106 / 5 mm
Extra Large.....	116 / 5 mm
<u>Length</u> .....	Not Less than 240 mm
<u>Thickness (single wall)....</u>	Not Less than 0.08 mm



1505 Corporate Woods Pkwy, Suite 500  
Uniontown, OH 44685  
info@plxindustries.com

Local: 330-896-7373  
Fax: 330-899-0407

**800-978-4299**

# Nitrile Examination Gloves



## Precision-Grip LP Lightly Powdered Nitrile Gloves

Product No.	Description	Size	QTY/BOX	QTY/CS
GLP0055-S	Lightly Powdered Nitrile Exam Gloves – 9”	Small	100	1,000
GLP0055-M	Lightly Powdered Nitrile Exam Gloves– 9”	Medium	100	1,000
GLP0055-L	Lightly Powdered Nitrile Exam Gloves– 9”	Large	100	1,000
GLP0055-XL	Lightly Powdered Nitrile Exam Gloves– 9”	X-Large	100	1,000

## Precision-Grip PF Powder Free Nitrile Gloves

Product No.	Description	Size	QTY/BOX	QTY/CS
GLP0065-S	Powder Free Nitrile Exam Gloves – 9”	Small	100	1,000
GLP0065-M	Powder Free Nitrile Exam Gloves– 9”	Medium	100	1,000
GLP0065-L	Powder Free Nitrile Exam Gloves– 9”	Large	100	1,000
GLP0065-XL	Powder Free Nitrile Exam Gloves– 9”	X-Large	100	1,000



<b>Vinyl Exam Powder-Free</b>	GLP0081 ( S-XL)
<b>Vinyl Exam 12” Powder Free</b>	GLP0088 (S-XL)
<b>Vinyl Exam Lightly Powdered</b>	GLP0091 (S-XL)
<b>Latex Exam Powder-Free</b>	COAP110 (XS-XL)
<b>Latex Exam Lightly Powdered</b>	COAP110 (XS-XL)
<b>Latex Exam Powder-Free HIGH RISK 12”</b>	GLP0110 (S-XL)

**CLEANROOM GLOVES ARE ALSO AVAILABLE**

Local: 330-896-7373  
 Fax: 330-899-0407  
**800-978-4299**  
[www.plxindustries.org](http://www.plxindustries.org)

**PLX** Portage **INC.**  
**Lakes**  
**INDUSTRIES**

1505 Corporate Woods Pkwy, Suite 500  
 Uniontown, OH 44685  
[info@plxindustries.com](mailto:info@plxindustries.com)



## MATERIAL SAFETY DATA SHEET

### LIGHTLY POWDERED NITRILE GLOVES

#### Identification

Product Code: GLP0055

Product Description: Non-Sterile, Ambidextrous, Disposable, Pre-Powdered Nitrile Gloves, Blue Colored.

CASE #: Not Established

IATA/IACO Hazard Rating: Not Restricted

D.O.T. Rating: Not Restricted

#### Physical Data

Composition: Nitrile  
Sulfur  
Accelerator, ZDBC  
Zinc Oxide

Potassium Hydroxide  
Titanium Dioxide  
Stabilizer

#### Fire and Explosion

Stability: Stable

Flash Point: N/A

Extinguishing Media: Foam  
Carbon Dioxide  
Water

Conditions to Avoid: None

Incompatible Materials: None

#### Normal Precautions

Ventilation: Not necessary under normal conditions

Equipment: Not necessary

#### Exposure Data

Eyes: N/A

Storage: Keep away from sunlight and heat. Store at room temperature, 10-40°C.



**PLX** Portage <sup>INC.</sup>  
Lakes  
INDUSTRIES

**800-978-4299**

Local: 330-896-7373  
Fax: 330-899-0407  
www.plxindustries.org



## TECHNICAL DATA SHEET

### POWDER FREE NITRILE GLOVES

Product Code: GL0065      GLNM0065  
Sizes Available: Small, Medium, Large and Extra Large  
Packing: 100 pieces per box  
10 boxes per case

#### Dimensions

Length: Not less than 240 mm  
Width: Extra Small 75 +/- 5 mm  
Small 85 +/- 5 mm  
Medium 95 +/- 5 mm  
Large 106 +/- 5 mm  
Extra Large 116 +/- 5mm

Thickness (single wall): Not less than 0.08 mm

#### Specifications

Puncture Resistance: Not less than 5.0 N

Average Weight: 5.84 g

Calculated Glove Surface Area/ cm<sup>2</sup> = 1,130

Unaged

Tensile Strength (MPA): Not less than 14.0

Elongation, %: Not less than 500

Force at Break: Not less than 7.5 N

Aged 70 +/- 2°C for 7 Days

Tensile Strength (MPA): Not less than 14.0

Elongation, %: Not less than 500

Force at Break: Not less than 5.5 N



**PLX** Portage <sup>INC.</sup>  
Lakes  
INDUSTRIES

**800-978-4299**

Local: 330-896-7373  
Fax: 330-899-0407  
www.plxindustries.org



## TECHNICAL DATA SHEET

### POWDER FREE NITRILE GLOVES (CONTINUED)

#### Particle Test (Method No. 5)

Size (Microns)	Particles/25ml (Corrected)	Particles/750ml (Statistical)	Particles/cm <sup>2</sup> of Glove Area
0.5-1.0µm	68,659	2,059,770	1822.8
1.0-2.0µm	25,511	765,330	677.3
2.0-5.0µm	2,840	85,200	75.4
5.0-10.0µm	2,342	70,260	62.2
10.0-20.0µm	695	20,850	18.5
Over 20.0µm	<u>20</u>	<u>600</u>	<u>0.5</u>
Average Total	100,067	3,002,010	2656.6



**PLX** Portage <sup>INC.</sup>  
Lakes  
INDUSTRIES

**800-978-4299**

Local: 330-896-7373  
Fax: 330-899-0407  
[www.plxindustries.org](http://www.plxindustries.org)



## TECHNICAL DATA SHEET

### CLEANROOM NITRILE GLOVES

Product Code: CRP0165 (9") CRP0166 (12")

Sizes Available: Small, Medium, Large and Extra Large

Packing: 100 pieces per poly bag  
10 poly bags per case

### Dimensions

Length: Not less than 250 mm

Width:

Extra Small	75 +/- 5 mm
Small	85 +/- 5 mm
Medium	95 +/- 5 mm
Large	106 +/- 5 mm
Extra Large	116 +/- 5mm

Thickness (single wall):

Middle finger (15mm from tip)	.152mm
Palm:	.127mm
Cuff:	.102mm

### Specifications

<u>Electrostatic Properties:</u>	<u>Static Decay (sec.)</u>	<u>Surface Resistivity (ohms/sq)</u>
50% Humidity	<2 seconds	1 X 10 <sup>10</sup> ohms/square
Relative Humidity	<5 seconds	1 x 10 <sup>12</sup> ohms/square

### Physical Properties:

Unaged

Tensile Strength (MPA): Not less than 20.7

Elongation, %: Not less than 500

Aged 70 +/- 2°C for 7 Days

Tensile Strength (MPA): Not less than 15.5

Elongation, %: Not less than 400



**PLX** Portage <sup>INC.</sup>  
Lakes  
INDUSTRIES

**800-978-4299**

Local: 330-896-7373  
Fax: 330-899-0407  
[www.plxindustries.org](http://www.plxindustries.org)



## MATERIAL SAFETY DATA SHEET

### POWDER FREE NITRILE EXAM GLOVES

#### Identification

Product Code: GLP0065

Product Description: Non-Sterile, Ambidextrous, Disposable, Powder-Free Nitrile Gloves, Blue Colored.

CASE #: Not Established

IATA/IACO Hazard Rating: Not Restricted

D.O.T Rating: Not Restricted

#### Physical Data

Composition: Nitrile Potassium Hydroxide  
Sulfur Titanium Dioxide  
Accelerator, ZDBC Stabilizer  
Zinc Oxide

#### Fire and Explosion

Stability: Stable

Flash Point: N/A

Extinguishing Media: Foam  
Carbon Dioxide  
Water

Incompatible Materials: None

#### Normal Precautions

Ventilation: Not necessary under normal conditions

Equipment: Not necessary

Spills Clean-up: N/A

#### Exposure Data

Eyes: N/A

Storage: Keep away from sunlight and heat. Store at room temperature, 10-40°C.



**PLX** Portage <sup>INC.</sup>  
Lakes  
INDUSTRIES

800-978-4299

Local: 330-896-7373  
Fax: 330-899-0407  
www.plxindustries.org