

Vinyl Examination Gloves



Confidence is key. When you see, smell and stretch a pair of our Vinyl 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.

Pure-Grip™ Powder Free Vinyl Exam Gloves are the ideal solution when an economical, Non-Latex alternative is needed. These Vinyl Gloves offer a flexible fit to reduce hand fatigue for comfortable, extended wear. At just 6mil thick, these gloves offer excellent tactile sensitivity which is further enhanced by their smooth, seamless surface. Vinyl Gloves resist inorganic acids, alkalies, and corrosive inorganic chemicals. Beaded for easy donning.

Pure-Grip™ Lightly Powdered Vinyl Exam Gloves offer the same qualities as our Powder Free Vinyl Exam Gloves. These gloves are powdered with an absorbable cornstarch for easy donning and comfortable wear.

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

Specifications

Tensile Properties

Puncture Resistance..... Not Less than 5.0 N

Unaged

Tensile Strength(MPA)..... Not Less than
1300psi

Elongation, %..... Not Less than 230

Force at Break..... Not Less than 7.5 N

ESD Properties

Anti-Static up to 1011 ohms/cm²

Dimensions

Width

Extra Small..... 75 / 5 mm

Small..... 85 / 5 mm

Medium..... 95 / 5 mm

Large..... 106 / 5 mm

Extra Large..... 116 / 5 mm

Length..... Not Less than 240 mm

Thickness (single wall).... Not Less than 0.08 mm

*Specifications subject to change without notice

Vinyl Examination Gloves



Powder Free Vinyl Exam Gloves

Product No.	Description	Size	QTY/BOX	QTY/CS
GLP0081-S	Powder Free Vinyl Exam Glove –9"	Small	100	1,000
GLP0081-M	Powder Free Vinyl Exam Glove –9"	Medium	100	1,000
GLP0081-L	Powder Free Vinyl Exam Glove –9"	Large	100	1,000
GLP0081-XL	Powder Free Vinyl Exam Glove –9"	X-Large	100	1,000

**12" Vinyl Exam Gloves Are Also Available*

Lightly Powdered Vinyl Exam Gloves

Product No.	Description	Size	QTY/BOX	QTY/CS
GLP0091-S	Lightly Powdered Vinyl Exam Glove –9"	Small	100	1,000
GLP0091-M	Lightly Powdered Vinyl Exam Glove –9"	Medium	100	1,000
GLP0091-L	Lightly Powdered Vinyl Exam Glove –9"	Large	100	1,000
GLP0091-XL	Lightly Powdered Vinyl Exam Glove –9"	X-Large	100	1,000

Additional **DuraShield** Gloves include:

Nitrile Exam Powder-Free	GLP0065 (S-XL)
Nitrile Exam Lightly Powdered	GLP0055 (S-XL)
Latex Exam Powder-Free	COAP110 (XS-XL)
Latex Exam Lightly Powdered	COAP100 (XS-XL)
Latex Exam Powder-Free HIGH RISK 12"	GLP0110 (S-XL)

CLEANROOM GLOVES ARE ALSO AVAILABLE

Local: 330-896-7373
 Fax: 330-899-0407
800-978-4299
www.plxindustries.org

PLX Portage
 Lakes
INDUSTRIES INC.

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



TECHNICAL DATA SHEET

CLEANROOM VINYL GLOVES

Product Code: GLP0080 GLP0085

Sizes Available: Small, Medium, Large and Extra Large

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

Dimensions

Length: 9" and 12"

Thickness: 9" Length: 5.0 mil
12" Length: 6.0 mil

Average Weight: 8.45 g

Specifications

Ultimate Tensile
Strength Kg/cm² (MPA): Not less than 1300 PSI

Ultimate Elongation %: Not less than 230%

Calculated Glove
Surface Area/cm²: 1,130

Anti-Static up to 1011 ohms/cm²

Particle Measurement Technology Test (Method No. 5)

Size (Microns)	Particles/25ml (Corrected)	Particles/750ml (Statistical)	Particles/cm ² of Glove Area
0.5-1.0µm	41,317	2,479,020	2193.8
1.0-2.0µm	9,573	574,380	508.3
2.0-5.0µm	1,597	95,820	84.8
5.0-10.0µm	349	20,940	18.5
10.0-20.0µm	77	4,620	4.1
Over 20.0µm	9	540	0.5
Average Total	52,922	3,175,320	2810.0

*To stay within the concentration limits of the sensor, the sample was diluted 1:1 & data factored X2.



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TECHNICAL DATA SHEET

CLEANROOM VINYL GLOVES (CONTINUED)

Extract Analysis:

Component	Method	MDL		Concentration		
		($\mu\text{g/glove}$)	$\mu\text{g/glove}$	$\mu\text{g/gram}$	mg/glove	mg/gram
Chloride (1 st Run)	300	14	80	8.5	0.080	0.009
TNVR (1 st Run)	160.4	800	ND	ND	ND	ND

MDL: Method Detection Limit

ND: Not Detected in this analysis, or less than the method detection limit.

TNVR: Total Nonvolatile Residue

200ml of solvent was used because 100ml was not sufficient to cover the whole sample.



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MATERIAL SAFETY DATA SHEET

POWDER FREE VINYL GLOVES

Identification

Product Code: GLP0080 GLP0081 GLP0085

Product Description: Powder Free Vinyl Glove

CASE #: Not Established

IATA/IACO Hazard Rating: Not Restricted

Physical Data

Composition: Synthetic PVC - Polyvinyl Chloride Polymer
Plasticizer DINP
Plasticizer Epoxidized Soybean Oil
Plasticizer TXIB
Stabilizer Calcium-Zinc

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

Spills Clean-up: N/A

Exposure Data

Eyes: N/A

Other Precautions

Storage: No special precautions necessary. Keep at room temperature.



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VINYL GLOVE CHEMICAL RESISTANCE CHART

The color coded squares in each column is for ease in understanding how our gloves rate against each chemical listed, in relation to splash applicability.

	GREEN	The glove is very well suited for application with that chemical.
	YELLOW	The glove is suitable for that application under careful control of its use.
	RED	Avoid use of the glove with this chemical.




*Limited Service **VG= Very Good** **G= Good** **F=Fair** **P=Poor (not recommended)**

Product ID GLP0081 (Powder Free)	Degradation Rating	Permeation Breaktime	Permeation Rating
Product ID GLP0091 (Lightly Powdered)			
CHEMICAL			
		—	—
2. Acetic Acid		45	—
3. Acetone		—	—
4. Acetonitrile		—	—
5. Ammonium Flouride		240	—
6. Ammonium Hydroxide		240	—
7. Aniline		20	VG
8. Butyl Acetate		—	—
9. Butyl Alcohol		<10	F
10. Butyl Cellosolve		—	—
11. Citric Acid, 10%		>360	—
12. Cyclohexanol		60	E
13. Dimethyl Formamide		—	—
		—	—
15. Ethanolamine		120	—
16. Ethyl Acetate		—	—
17. Ethyl Alcohol		<10	F
		—	—
19. Ethylene Glycol		45	VG
20. Ethyl Ether		—	—
21. Formaldehvide		20	VG



23. Hexane	Red	—	—
	Green	>360	E
25. Hydrochloric Acid, conc.	Green	>360	—
26. Hydrogen Peroxide, 30%	Green	>360	E
	Yellow	10	VG
28. Isopropyl Alcohol	Yellow	<10	F
29. Kerosene	Green	30	G
30. Maleic Acid, saturated	Green	>360	—
31. Methyl Alcohol	Yellow	10	G
32. Methyl Ethyl Ketone	Red	—	—
	Red	—	—
34. Nitric Acid, 10%	Green	>360	E
35. Octyl Alcohol	Yellow	9	E
	Red	—	—
	Green	30	VG
38. Phosphoric Acid, 85%	Green	>360	—
	Yellow	<10	F
40. Sodium Hydroxide, 50%	Green	>360	—
41. Stoddard Solvent	Green	40	E
42. Sulfuric Acid, 47%	Green	>480	—
43. Tricresyl Phosphate	Green	>360	E
	Green	>360	E
45. Xylene, Xylol	Red	—	—

Note: All Numeric designations within the product classifications are denoted in minutes.

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