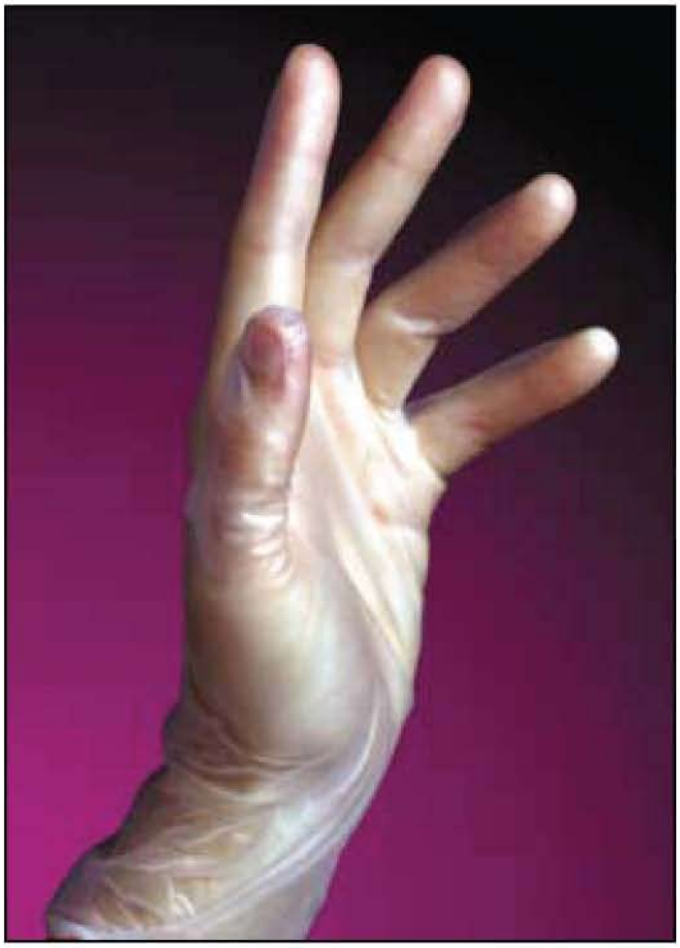
Cleanroom Vinyl Gloves



DuraShield

Clean-Grip Cleanroom Vinyl Gloves

Confidence is key. When you slip your hands into a pair of our Cleanroom Vinyl Gloves, you'll feel the quality and consistency that is inherent in our full line of gloves. You'll quickly discover that these are gloves you can rely on for protection, comfort and extremely low particulate counts.

Cleanroom Vinyl Gloves are ideal for use in micro-electrotronics, medical component manufacturing, pharmaceutical manufacturing, and other cleanroom environments where a a low particulate glove is needed. Vinyl carries an extremely low static charge providing excellent product protection for static-sensitive components.

These smooth finish Vinyl Gloves are 5 mil thick (6 mil on 12") providing excellent tactile sensitivity. The seamless construction design provides an ambidextrous, comfortable fit. Vinyl provides protection against inorganic acids, alkalies, and corrosive inorganic chemicals. Gloves are available in nine or twelve inch lengths, and are packaged in double-poly bags to ensure product quality standards. Sizes range from Small to Extra Large.

Applications: Cleanroom, electronics manufacturing, semiconductor, electrostatic discharge sensitive applications.

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/cm^2

Dimensions

Width

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 0.05 mm

*Specifications subject to change without notice

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Uniontown, OH 44685
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Cleanroom Vinyl Gloves

Powder Free Cleanroom Nitrile

Product No.	Description	Size	QTY/BAG	QTY/CS
GLP0080-S	Cleanroom Vinyl Gloves –9"	Small	100	1,000
GLP0080-M	Cleanroom Vinyl Gloves –9"	Medium	100	1,000
GLP0080-L	Cleanroom Vinyl Gloves –9"	Large	100	1,000
GLP0080-XL	Cleanroom Vinyl Gloves –9"	X-Large	100	1,000
GLP0085-S	Cleanroom Vinyl Gloves –12"	Small	100	1,000
GLP0085-M	Cleanroom Vinyl Gloves –12"	Medium	100	1,000
GLP0085-L	Cleanroom Vinyl Gloves –12"	Large	100	1,000
GLP0085-XL	Cleanroom Vinyl Gloves –12"	X-Large	100	1,000

Additional DuraShield Gloves Include

Cleanroom Nitrile Powder-Free 9"	CRP0165 (S-XL)
Cleanroom Nitrile Powder-Free 12"	CRP0166 (S-XL)
Cleanroom Latex Powder-Free 9"	COAPTX220 (S-XL)
Cleanroom Latex Powder-Free 12"	COAPTX22012 (S-XL)

EXAMINATION GLOVES ARE ALSO AVAILABLE

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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/cm^2 (MPA): Not less than 1300 PSI

Ultimate Elongation %: Not less than 230%

Calculated Glove Surface Area/cm^2: 1,130

Anti-Static up to 1011 ohms/cm^2

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 (µg/glove)	Concentration µg/glove	µg/gram	mg/glove	mg/gram
Chloride (1st Run)	300	14	80	8.5	0.080	0.009
TNVR (1st 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) **Product ID** GLP0091 (Lightly Powdered) CHEMICAL	Degradation Rating	Permeation Breaktime	Permeation Rating
		—	—
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. Formaldehyde		20	VG

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

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

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