

HANDGARDS

Powdered and Powder-Free PVC & Syn. Food Service Gloves

PRODUCT INFORMATION

Type: Non Sterile Latex free Vinyl Powdered with USP Absorbable corn and Powder Free

Design and Feature: Ambidextrous, Beaded cuff, Textured



Material: Polyvinyl Chloride Resin (PVC) Vinyl

Dimensions:

Glove Size	ASTM	Palm Width (mm)	Length (mm)
Small	D5250	85 ± 5	Min. 230
Medium	D5250	95 ± 5	Min. 230
Large	D5250	105 ± 5	Min. 230
X-Large	D5250	115 ± 5%	Min. 230

Thickness:

Location of Thickness Measurements	ASTM	mm	mils	Tolerance
Finger (at 15 mm from the extreme tip)	D5250	0.09	3.5	Minimum
Palm (at center of palm)	D5250	0.09	3.5	Minimum

Physical Properties:

Criteria	ASTM D5250 - Before Aging	ASTM D0573 - After Aging	Tolerance
Tensile Strength (MPa)	Min. 10.0	Min. 9.0	Minimum
Elongation (%)	Min. 300%	Min. 300%	Minimum

Color: PVC-Clear/Syn.- White

Packing: 100 gloves per box, 4 boxes per case or 10 boxes per case

Quality Inspection:

Criteria	Requirement	Insp. Level	AQL
Dimension	ASTM D5250	S-2	4.0
Physical Properties	ASTM D5250, D0573	S-2	4.0
FDA 1,000 ml Water Leak Test	ASTM D5151	G-1	2.5
Visual Inspection for major defects	ISO 2859-1	G-I	2.5
Visual Inspection for minor defects	ISO 2859-1	G-I	4.0
Powder Amount for powdered	ASTM D6124	N=2	Max. 10mg/dm ²
Powder Amount for powder free	ASTM D6124	N=5	Max. 2mg/glove
Moisture Content		S-2	Max. 0.80%

Product Compliance: Polyvinyl Chloride gloves are produced from materials which fully comply with FDA rules 175.1950 for food contact and FDA rule 110.10 gmp for food handling. This food service glove has limited quality control processes versus the extensive quality control applied to the examination grade glove. ASTM 5250 is used as a guideline for manufacturing.

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Specifications

901 Hawkins Blvd • El Paso, TX 79915
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Vinyl Disposable Gloves

HGI #	Model	Pack	Case Pk	Case Qty	Cuff Style	Length	Color	Size	Powder
304362391	PVC 4/100	Flat	4/100	400	Rolled	Wrist	Clear	S	Yes
304362392	PVC 4/100	Flat	4/100	400	Rolled	Wrist	Clear	M	Yes
304362393	PVC 4/100	Flat	4/100	400	Rolled	Wrist	Clear	L	Yes
304362394	PVC 4/100	Flat	4/100	400	Rolled	Wrist	Clear	XL	Yes
304362411	PVC 4/100	Flat	4/100	400	Rolled	Wrist	Clear	S	No
304362412	PVC 4/100	Flat	4/100	400	Rolled	Wrist	Clear	M	No
304362413	PVC 4/100	Flat	4/100	400	Rolled	Wrist	Clear	L	No
304362414	PVC 4/100	Flat	4/100	400	Rolled	Wrist	Clear	XL	No
304362191	PVC 10/100	Flat	10/100	1000	Rolled	Wrist	Clear	S	Yes
304362192	PVC 10/100	Flat	10/100	1000	Rolled	Wrist	Clear	M	Yes
304362193	PVC 10/100	Flat	10/100	1000	Rolled	Wrist	Clear	L	Yes
304362194	PVC 10/100	Flat	10/100	1000	Rolled	Wrist	Clear	XL	Yes
304362121	PVC 10/100	Flat	10/100	1000	Rolled	Wrist	Clear	S	No
304362122	PVC 10/100	Flat	10/100	1000	Rolled	Wrist	Clear	M	No
304362123	PVC 10/100	Flat	10/100	1000	Rolled	Wrist	Clear	L	No
304362124	PVC 10/100	Flat	10/100	1000	Rolled	Wrist	Clear	XL	No

Synthetic Disposable Gloves

HGI #	Model	Pack	Case Pk	Case Qty	Cuff Style	Length	Color	Size	Powder
304362501	SYN 4/100	Flat	4/100	400	Rolled	Wrist	White	S	Yes
304362502	SYN 4/100	Flat	4/100	400	Rolled	Wrist	White	M	Yes
304362503	SYN 4/100	Flat	4/100	400	Rolled	Wrist	White	L	Yes
304362504	SYN 4/100	Flat	4/100	400	Rolled	Wrist	White	XL	Yes
304362511	SYN 4/100	Flat	4/100	400	Rolled	Wrist	White	S	No
304362512	SYN 4/100	Flat	4/100	400	Rolled	Wrist	White	M	No
304362513	SYN 4/100	Flat	4/100	400	Rolled	Wrist	White	L	No
304362514	SYN 4/100	Flat	4/100	400	Rolled	Wrist	White	XL	No
304362551	SYN 10/100	Flat	10/100	1000	Rolled	Wrist	White	S	Yes
304362552	SYN 10/100	Flat	10/100	1000	Rolled	Wrist	White	M	Yes
304362553	SYN 10/100	Flat	10/100	1000	Rolled	Wrist	White	L	Yes
304362554	SYN 10/100	Flat	10/100	1000	Rolled	Wrist	White	XL	Yes
304362131	SYN 10/100	Flat	10/100	1000	Rolled	Wrist	White	S	No
304362132	SYN 10/100	Flat	10/100	1000	Rolled	Wrist	White	M	No
304362133	SYN 10/100	Flat	10/100	1000	Rolled	Wrist	White	L	No
304362134	SYN 10/100	Flat	10/100	1000	Rolled	Wrist	White	XL	No

Supplier Quality Dept. Approval (Signature): _____ Date: _____

Supplier Quality Dept. Approval (Print Name): _____ Job Title _____

Note: Any changes in raw materials, blend formula, equipment or process will warrant re-submission of item for HGI approval.

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TECHNICAL DATA FORM

BRAND: HGI

TYPE: Vinyl

PRODUCT: Food service Powdered and Powder Free

	Technical Data	Test	Objective	Relevance	FDA Requirement	ASTM Requirement	HGI Requirement	Specification	Result/Target
Quality Inspection	General Description	Raw Material	Poly Vinyl Chloride	Meet FDA Rule 175.125, 177.2600 for food contact	Rule 175.125, 177.2600	None	Annual COG	Rule 175.125, 177.2600	Pass
	Visual Inspection	Minor Visual Defects	Embedded particle < 5mm long, Poor beading, Dicoloration, Thin spots	Product out of polluting agents	Rule 175.125, 177.2599	None	Inspection Level: G-1 AQL: 4.0/Every Lot	Visual Standard	Pass
		Major Visual Defects	Insect, hair, mixed type, mixed size, un-donnable, incomplete, torn	Product out of polluting agents	Rule 175.125, 177.2600	None	Inspection Level: G-1 AQL: 2.5/Every Lot	Visual Standard	Pass
	Form, Fit & Function	Donning	Open glove and don	Glove should not stick together	None	None	Yes	None	Pass
	Water Leak Test	Barrier Integrity	Pass at 2 minutes with no leaks	Glove must not break or exhibit holes	None	D5151	Inspection Level: G-1, AQL: 2.5/Every Lot	No Failures	Pass/ AQL 2.5
Product Safety Compliance	PHYSICAL								
	Tensile Test Before Aging	Ultimate elongation	Meet minimum ASTM D5250 requirements	Used to evaluate the tensile properties of rubber	None	D5250 ref. D0412	Sampling Plan: S-2, AQL 4.0	300%	minimum
		Tensile strength, MPa						11	minimum
	Tensile Test After Aging	Ultimate elongation	Meet minimum ASTM D5250 requirements	Used to determine the influence of elevated temperatures on the physical properties of rubber.	None	D5250 ref. D0573	Sampling Plan: S-2, AQL 4.0	300%	minimum
		Tensile strength, MPa						11	minimum
	Visual Inspection	Minor Visual Defects	Embedded particle < 5mm long, Poor beading, Dicoloration, Thin spots	Product out of polluting agents	Rule 175.125, 177.2599	None	Inspection Level: G-1 AQL: 4.0/Every Lot	Visual Standard	Pass
Major Visual Defects		Insect, hair, mixed type, mixed size, un-donnable, incomplete, torn	Physical contaminant compliance	Rule 175.125, 177.2600	None	Inspection Level: G-1 AQL: 2.5	Visual Standard	Pass	



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H	CHEMICAL								
	Chemical Contamination	Heavy Metals	Food and Product Safety	CONEG Legislation	None	TBD	Quarterly Random Testing	CONEG Compliance	Comply
	Product Composition	Spectroscopy and/or Calorimetry	Food and Product Safety	Confirm Chemical Composition	None	TBD	Quarterly Random Testing	HGI Spec.	Comply
	MICROBIAL/ BIOBURDEN								
	TPC	Microbial Content	Food and Product Safety	Microbial compliance	None	AOAC & BAM	Quarterly Random Testing	5000 CFU max	Comply
	E. Coli	Microbial Content	Food and Product Safety	Microbial compliance	None	AOAC & BAM	Quarterly Random Testing	Negative	Comply
	Salmonella	Microbial Content	Food and Product Safety	Microbial compliance	None	AOAC & BAM	Quarterly Random Testing	Negative	Comply
	SOCIAL COMPLIANCE								
	Labor, Ethical & Safety Requirements	HGI Code of Conduct	Comply with all applicable laws	Legal Compliance	None	None	Annual COC	Acceptance Signature	Comply
	DOCUMENTATION								
FDA Certificate of Guarantee (COG)		Food Safety & FDA Compliance	FDA for food contact on all ingredients	FDA for food contact and FDA medical devices		Annual Certificate or w/Formulation, Supplier changes		Comply	
Certificate of Analysis (COA)		Compliance to Specs.	Pre-shipping container release			Every PO Pre-Shipment		Comply	
Formulation or Product Components		Food Safety	Required by HGI, Customers and for Registration			Annual Certificate or w/Formulation, Supplier changes		Comply	
MSDS for all components		OSHA Compliance	Product Safety Requirement			Annual Certificate or w/Formulation, Supplier changes		Comply	
Signed Specification		Customer Compliance	Customer and HGI's Compliance			Annual or w/spec changes		Comply	

Product Safety Compliance

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Packaging									
Graphics									