



## PREMIER ATTRIBUTES

- **NFPA 1999-2008 Certified** by Underwriters Laboratories
- **Double Polymer Coated • Non-Chlorinated • Powder-Free • Custom Formulation**  
Dramatically reduces barrier degradation when exposed to high heat – increases shelf life
- **FingerFlex Technology®** – Ribbed fingers eliminate hand fatigue, increase comfort and flexibility
- **Certified Watertight AQL 0.65** – Provides minimal exposure to pathogens from pinhole failures
- 12 mil minimum yields **13.2 average thickness** – The ultimate in durability and barrier strength
- **Low in Protein** – Surpasses FDA and NFPA requirements of <50 ug/g
- **12" Extended Cuff** – High tack surface provides critical protection in wet or high risk applications
- **Proprietary Latex Formulation** – Significantly exceeds **ASTM and NFPA** requirements
- **Maximum Lot Size of 600,000 Gloves** – Tested and certified by a third party, independent laboratory
- **Gloves test below detectable levels for all chemicals**, identified by OSHA, that contribute to allergies

## QUALITY STANDARDS

NFPA 1999 - 2008 Edition	National Fire Protection Association Standard on Protective Clothing
ISO 9001	International Quality Standard for Manufacturing
ASTM D3578	Standard Specification for Rubber Examination Gloves
ASTM D412	Vulcanized Rubber and Thermoplastic Elastomers – Tension 1
ASTM D412 (NFPA Modification)	Ultimate Elongation Percentage Following 100% Isopropanol Soak for 2 Hours
ASTM D573	Standard Test Method for Rubber – Deterioration in an Air Oven
ASTM F1671 (NFPA Modification)	Standard Test Method for Bacteriophage Penetration Resistance on Whole Gloves
ASTM F1342	Standard Test Method for Protective Clothing Material Resistance to Puncture
ASTM D5712	Modified Lowry Assay – Total Water Extractable Protein per Gram
ASTM D5151	Standard Test Method for Detection of Holes in Medical Gloves
NFPA Dexterity Test	Crawford Small Parts Dexterity Test, Screws Technique

## PERFORMANCE STANDARDS

	NFPA 1999	FirstLine Gloves	ASTM D3578
Tensile Before Aging	13.8MPa	28MPa	18MPa
Tensile After Aging	13.8MPa	25MPa	14MPa
Elongation Before Aging	500%	850%	650%
Elongation After Aging	500%	850%	500%
Watertight Barrier AQL	1.5	.65	2.5
Puncture	4.5 N	7.1 N	N/A
Protein Content	<50 ug/g	<50 ug/g	<200 ug/dm <sup>2</sup>



## SPECIFICATIONS

**50 Gloves Per Box • 10 Boxes Per Case**

PART NUMBER	GLOVE SIZE	PALM WIDTH (mm) Tolerance +5
1L1DLG-S	Small	82
1L1DLG-M	Medium	92
1L1DLG-L	Large	105
1L1DLG-XL	X-Large	110
1L1DLG-2XL	2X-Large	115
1L1DLG-3XL	3X-Large	120


  

LENGTH	MATERIAL	FIT/CUFF
12"	Powder-Free Latex	Ambidextrous/Beaded

THICKNESS/MIL	PROCESS PROPERTIES	SURFACE FEATURES
Min → Avg	Double Polymer Coated	FingerFlex Technology®
Finger 12.0 → <b>13.2</b>	Non-Chlorinated	Full Texture
Palm 9.0 → <b>10.2</b>		Excluding Index & Middle Finger Tips
Cuff 6.0 → <b>6.8</b>		

Average thickness representative of actual glove production.



### Suggested Alternatives

**Nitrile (latex-free):** Intercept · 12" · 9.5 mil  
Intercept Elite · 12" · 10.3 mil

**Latex:** Virepel · 10" · 13.2 mil



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