

#### **TECHNICAL DATA SHEET**



#### **Features**

Safety Sealed Packaging (S-XL) 50 Gloves/Box, 10 Boxes/Case

Safety Sealed Packaging (2XL) 45 Gloves/Box, 10 Boxes/Case

- 8 mil thickness, 12-inch cuff
- Twice dipped glove w/ dual color assist in pinpointing if glove has been compromised
- Comfortable fit, reducing hand fatigue
- Superior puncture resistant
- Excellent tactile sensitivity and comfortable fit
- Superior strength, durability and tactility
- Diamond textured finish for excellent grip
- Better chemical barriers than latex gloves
- Latex and Powder free
- Dated Lot Codes for quality assurance and traceability

# **Optimus Pro** Manufacturing Standards

\*Brand new state-of-the-art manufacturing plant with computercontrolled market leading technology

Defect	Inspection Level	AQL
Pinholes (FDA 1000 ml watertight test)	G1	1.5
Visual Defects (Major)	G1	2.5
Visual Defects (Minor)	G1	4.0
Dimensions	S-2	4.0

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#### Optimus Pro Dual Layer & Color Nitrile Exam Gloves

Size	Reorder#
Small	1150-6
Medium	1150-7
Large	1150-8
X-Large	1150-9
2X-Large	1150-0

All specifications are subject to change without notice.

### **Specifications**

Size	Glove Length	Palm Width	Cuff Thickness	Palm Thickness	Finger Thickness
Small	300	85	0.10 ± 0.01	0.17 ± 0.01	0.20 ± 0.01
Medium	300	95	$0.10 \pm 0.01$	0.17 ± 0.01	0.20 ± 0.01
Large	300	105	$0.10 \pm 0.01$	0.17 ± 0.01	0.20 ± 0.01
X-Large	300	115	$0.10 \pm 0.01$	0.17 ± 0.01	0.20 ± 0.01
2X-Large	300	125	0.10 ± 0.01	0.17 ± 0.01	0.20 ± 0.01

# **Quality Standards**

#### **Testing Methods**

- Meets or exceeds the following standards: ASTM D6319 and D5151 on Water Leak & Dimensions, EN 455 (ECC), A5 40, NFPA 1999 & UL
- ISO 9002 Certified Manufacturing A & ISO 13485
- Quality sampled in accordance with MIL STD 105E
- This glove meets the single-use emergency medical examination glove requirements of NFPA 1999, standard on protective clothing for emergency medical operations 2018 edition
- · Tested for use with Chemotherapy drugs

# **Physical Properties**

Property	ASTM Minimum	Optimus Pro®
	Before Aging	Before Aging
Tensile (MPa)	14	26
Elongation (%)	500	740

	AfterAging	AfterAging
Tensile (MPa)	14	30
Elongation (%)	500	650