# Hand-Plus®

# **TECHNICAL DATA SHEET**



#### **Features**

Safety Sealed Packaging (S-XL) 100 Gloves/Box, 10 Boxes/Case	Safety Sealed Packaging (XXL) 90 Gloves/Box, 10 Boxes/Case
Soft and comfortable	
Violet Blue	

- 4 mil thickness, 9-inch cuff
- Exceptional strength and durability
- Superior puncture resistance
- Textured finish for excellent grip
- Better chemical barriers than latex gloves
- Excellent tactile sensitivity and comfortable fit
- Dated Lot Codes for quality assurance and traceability
- Tested for use with Chemotherapy drugs

#### Handplus<sup>®</sup> Nitrile Permeation Testing Results with Chemotherapy Drugs

Test Chemical	Breakthrough Detection Time (Min)
Cisplatin 1,000 ppm	No breakthrough was detected up to 240 minutes
Cyclophosphamide 20,000 ppm	No breakthrough was detected up to 240 minutes
Dacarbazine 10,000 ppm	No breakthrough was detected up to 240 minutes
Doxorubincin Hydrochloride 2,000 ppm	No breakthrough was detected up to 240 minutes
Etoposide 20,000 ppm	No breakthrough was detected up to 240 minutes
5-Fluorouracil 50,000 ppm	No breakthrough was detected up to 240 minutes
Paclitaxel (Taxol) 6,000 ppm	No breakthrough was detected up to 240 minutes
Thio-Tepa 10,000 ppm	Not Recommended
Carmustine 3,300 ppm	Not Recommended

# HandPlus® Nitrile Exam GlovesSizeReorder#X-Small068-5Small068-6Medium068-7Large068-8X-Large068-92X-Large068-0

All specifications are subject to change without notice.

### **Specification (mm)**

Size	Glove Length	Palm Width	Cuff Thickness	Palm Thickness	Finger Thickness
Small	230	85	0.05	0.07	0.10
Medium	230	95	0.05	0.07	0.10
Large	230	105	0.05	0.07	0.10
X-Large	230	115	0.05	0.07	0.10
2X-Large	230	125	0.05	0.07	0.10

## **Quality Standards**

#### **Testing Methods**

- Meets or exceeds the following standards: ASTM D6319 on Water Leak & Dimensions, EN 455 (ECC), A5 40
- ISO 9002 Certified Manufacturing
- ISO 13485 Quality Management Systems
- FDA 510K; Approved for the use with Chemotherapy Drugs.

#### **Physical Properties**

Property	ASTM Minimum	Handplus® Nitrile	
	Before Aging	Before Aging	
Tensile (MPa)	14	14	
Elongation (%)	500	500	
	After Aging	After Aging	
Tensile (MPa)	14	14	
Elongation (%)	400	400	

#### ©2020, Hand Plus<sup>•</sup>, All Rights Reserved.