# Hand-Plus® +

### TECHNICAL DATA SHEET



#### **Features**

Safety Sealed Packaging (S-XL)
Safety Sealed Packaging (XXL)
Oloves/Box, 10 Boxes/Case
Safety Sealed Packaging (XXL)
Oloves/Box, 10 Boxes/Case

- Soft and comfortable
- Violet Blue
- 4 mil finger 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® 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 upto 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 Gloves

Size	Reorder#
X-Small	068-5
Small	068-6
Medium	068-7
Large	068-8
X-Large	068-9
2X-Large	068-0

All specifications are subject to change without notice.

## Specification (mm)

Size	Glove Length	Palm Width	Cuff Thickness	Palm Thickness	Finger Thickness
Small	240	85	0.05 ± 0.01	0.07 ± 0.01	0.10 ± 0.01
Medium	240	95	0.05 ± 0.01	0.07 ± 0.01	0.10 ± 0.01
Large	240	105	0.05 ± 0.01	0.07 ± 0.01	0.10 ± 0.01
X-Large	240	115	0.05 ± 0.01	0.07 ± 0.01	0.10 ± 0.01
2X-La rge	240	125	0.05 ± 0.01	0.07 ± 0.01	$0.10 \pm 0.01$

## **Quality Standards**

#### **Testing Methods**

- Meets or exceeds the following standards: ASTM D6319, ASTM D5151 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	15	
Elongation (%)	500	500	
	AfterAging	After <b>Aging</b>	
Tensile (MPa)	14	14	
Elongation (%)	400	400	