

### **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 Nitrile with Easy Donning Feature		
Black Color		
6 mil finger thickness, 9.5-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		

# **BlackSeal®** 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	
Doxorubicin 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	

#### BlackSeal® Powder-Free Nitrile Exam Gloves

Size	Reorder#
Small	777-6
Medium	777-7
Large	777-8
X-Large	777-9
2X-Large	777-0

All specifications are subject to change without notice.

## **Specifications**

Size	Glove Length	Palm Width	Cuff Thickness	Palm Thickness	Finger Thickness
Small	240	85	0.10 ± 0.01	0.13 ± 0.01	0.16 ± 0.01
Medium	240	95	0.10 ± 0.01	0.13 ± 0.01	0.16 ± 0.01
Large	240	105	0.10 ± 0.01	0.13 ± 0.01	0.16 ± 0.01
X-Large	240	115	0.10 ± 0.01	0.13 ± 0.01	0.16 ± 0.01
2X-Large	240	125	0.10 ± 0.01	0.13 ± 0.01	0.16 ± 0.01

# **Quality Standards**

#### **Testing Methods**

- Meets or exceeds the following standards: ASTM D6319 (USA), EN 455 (1&2), FDA, CE
- Meets the Viral Penetration Test (ASTM F1671-03)
- Tested for use with Chemotherapy drugs
- Quality sampled in accordance with MIL STD 105E

Property	ASTM Minimum	BlackSeal <sup>®</sup>	
	Before Aging	Before Aging	
Tensile (MPa)	14	16	
Elongation (%)	500	550	
	After Aging	After Aging	
Tensile (MPa)	14	16	
Elongation (%)	500	400	