UNISEAL
SOLUTIONS AT HAND

TECHNICAL DATA SHEET



BlackSeal® HT Powder-Free Nitrile Exam Gloves

Size	Reorder#
Small	779-6
Medium	779-7
Large	779-8
X-Large	779-9
2X-Large	779-0

All specifications are subject to change without notice.

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	
• 9 mil 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	
• Tested for use with Chemotherapy drugs	

BlackSeal® HT 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

Specifications

Size	Glove Length	Palm Width	Cuff Thickness	Palm Thickness	Finger Thickness
Small	240	85	0.10	0.16	0.23
Medium	240	95	0.10	0.16	0.23
Large	240	105	0.10	0.16	0.23
X-Large	240	115	0.10	0.16	0.23
2X-Large	240	125	0.10	0.16	0.23

Quality Standards

Testing Methods
• Meets or exceeds the following standards: ASTM D6319 (USA), EN 455 (1&2), FDA, CE, NFPL, UL
• Meets the Viral Penetration Test (ASTM F1671-03)
• Quality sampled in accordance with MIL STD 105E

Physical Properties

Property	ASTM Minimum	BlackSeal® HT
	Before Aging	Before Aging
Tensile (MPa)	14	16
Elongation (%)	500	550
	After Aging	After Aging
Tensile (MPa)	14	16
Elongation (%)	500	400

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