

# Sensitive Nitrile Gloves

**HANTOVER**

**Eagle**

## PRODUCT INFORMATION

<b>MATERIAL</b>	Nitrile, accelerator-free
<b>COLOR</b>	Blue (indigo)
<b>TYPE</b>	Ambidextrous, non-sterile, single-use
<b>INTERIOR</b>	Powder-free
<b>EXTERIOR</b>	Textured fingertips
<b>SIZES</b>	XS - 2XL
<b>COUNTRY OF ORIGIN</b>	Malaysia
<b>STORAGE</b>	Store in original packaging in a cool, dry and well ventilated area, away from dust, direct sunlight, moisture, x-ray and excessive heat above 100°F (37°C)

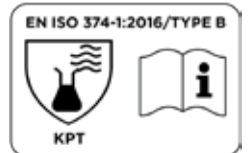
## PHYSICAL PROPERTIES

<b>AQL</b>	1.5	
<b>GLOVE WEIGHT</b>	4.2g (medium)	
<b>GLOVE THICKNESS</b>	4mil	
<b>GLOVE LENGTH</b>	9.6"	
	<b>BEFORE AGING</b>	<b>AFTER AGING</b>
<b>TENSILE STRENGTH (MPA)</b>	min. 14	min. 14
<b>ULTIMATE ELONGATION</b>	500%	400%



## QUALITY STANDARDS

<b>FDA STATUS</b>	(21 CFR 177) compliant for food handling 510(k) cleared for medical use
<b>AUDIT STANDARDS</b>	Manufactured in an ISO 9001:2015 and an ISO 13485:2016 facility
<b>TEST STANDARDS</b>	EN 16523-1 Resistance to Chemical Permeation EN ISO 374-5:2016 Resistance to Bacteria, Fungi and Virus EN ISO 374-1:2016/Type B ASTM D6319 & EN 455 ASTM F1671 Viral Penetration ASTM D6978-05 Chemotherapy drug tested



## PACKAGING & ORDERING INFORMATION

CODE	SIZE	PURCHASE UNIT	CASE DIMENSIONS (LxWxH)	CASE WEIGHT	CUBIC FEET
22914	XS	1 case of 1,000 Gloves (100/box x 10)	11 x 9.8 x 9.3"	10.8lbs	0.58ft <sup>3</sup>
22915	S				
22916	M				
22917	L				
22918	XL				
22919	2XL				

## RESISTANCE OF GLOVES TO PERMEATION BY CHEMICALS

CHEMICAL	EN ISO 374-1:2016 PERFORMANCE LEVEL	EN 374-4:2013 MEAN DEGRADATION / %
Sodium Hydroxide 40% (K)	6	2.8
Sodium Hypochlorite 10-13%	6	23.9
Sulphuric Acid 50%	6	-50.8
Ethidium Bromide 5%	6	-12.0
Formaldehyde 37% (T)	3	24.5
Glutaraldehyde 50%	6	4.5
Phenol 0.1%	6	9.4
n-Heptane (J)	0	45.7
Methanol in Water 1.5%	6	-12.3
Isopropanol 70%	0	30.6
Nitric Acid 65% (M)	0	98.4
Acetic Acid 99% (N)	0	97.9
Ammonium Hydroxide 25% (O)	0	-8.0
Hydrogen Peroxide 30% (P)	4	32.1

**EN ISO 374-1:2016** - permeation levels are based on breakthrough times as follows:

Performance Level:	1	2	3	4	5	6
Minimum breakthrough time (Min):	>10	>30	>60	>120	>240	>480

**EN 374-4:2013** - Degradation results indicate the change in puncture resistance of the gloves after exposure to the challenge chemical

Safety gloves to protect against chemicals are classified according to their permeation time (time taken for the chemical to penetrate the glove) and number of chemicals tested:

- Type A - at least 30min each for at least 6 test chemicals
- Type B - at least 30min each for at least 3 test chemicals
- Type C - at least 10min each for at least 1 test chemicals

**EN ISO 374-5:2016** - Resistance to Bacteria and Fungi = Pass, Resistance to Virus = Pass

## CHEMOTHERAPY DRUGS PERMEATION TEST (ASTM D6978-05 (2013))

CHEMICAL	MIN BREAKTHROUGH DETECTION TIME (mins)	OBSERVATIONS
*Carmustine (BCNU) (3.3 mg/mL)	Not Recommended	Moderate swelling & no degradation
Cisplatin (1.0 mg/mL)	> 240	Slight swelling & no degradation
*Cyclophosphamide (Cytoxan) (20.0 mg/mL)	> 240	Slight swelling & no degradation
Cytarabine (100 mg/mL)	> 240	Slight swelling & no degradation
Dacarbazine (DTIC) (10.0 mg/mL)	> 240	Slight swelling & no degradation
*Doxorubicin Hydrochloride (2.0 mg/mL)	> 240	Slight swelling & no degradation
*Etoposide (20.0 mg/mL)	> 240	Slight swelling & no degradation
*Fluorouracil (50.0 mg/mL)	> 240	Slight swelling & no degradation
Ifosfamide (50.0 mg/mL)	> 240	Slight swelling & no degradation
Methotrexate (25 mg/mL)	> 240	Slight swelling & no degradation
Mitomycin C	> 240	Slight swelling & no degradation
Mitoxantrone (2.0 mg/mL)	> 240	Slight swelling & no degradation
*Paclitaxel (Taxol) (6.0 mg/ml)	> 240	Moderate swelling & no degradation
Thio-Tepa (10.0 mg/mL)	Not Recommended	Slight swelling & no degradation
Vincristine Sulfate (1.0 mg/mL)	> 240	Slight swelling & no degradation
<i>*denotes mandatory chemotherapy drugs</i>		
Fentanyl Citrate Injection (100 mcg/2mL)	> 240	n/a

*\*\*based on typical thickness measurements*



Contact us today to receive samples or for more information on this product.

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