

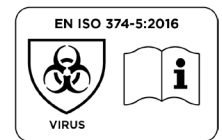
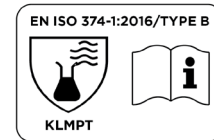
Heavy Duty Latex Gloves



PRODUCT INFORMATION	
MATERIAL	Latex*
COLOUR	Dark Blue
TYPE	Ambidextrous, non-sterile, single-use
INTERIOR	Powder-free
EXTERIOR	Textured
SIZES <i>Measure widest part of the knuckles.</i>	<ul style="list-style-type: none"> · M = 95mm +/-5 · L = 106mm +/-5 · XL = 116mm +/-5 · 2XL = 125mm +/-5
COUNTRY OF ORIGIN	Malaysia
STORAGE	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)
RESTRICTIONS ON USE	Do not use for handling organic solvents as glove degradation can occur



PHYSICAL PROPERTIES		
AQL	1.5	
GLOVE WEIGHT	15.5grams (medium)	
GLOVE THICKNESS	13mil	
GLOVE LENGTH	300mm	
	BEFORE AGING	AFTER AGING
TENSILE STRENGTH (MPA)	min. 18	min. 14
ULTIMATE ELONGATION	min. 650%	min. 500%



QUALITY STANDARDS	
FDA STATUS	(21 CFR 177) compliant for food handling (510k) cleared for medical use
AUDIT STANDARDS	Manufactured in an ISO 9001:2015 and an ISO 13485:2016 facility Manufactured in a Certified WRAP Facility
TEST STANDARDS	ASTM D6978 - Chemotherapy drug Permeation Meets ASTM F1671 - Viral penetration tested EN ISO 374-1:2016/Type B EN ISO 374-5: 2016 Resistance to Bacteria, Fungi and Virus EN 16523-1:2015 Resistance to Chemical Permeation Meets EN374-2 Resistance to Microbial Penetration

PACKAGING & ORDERING INFORMATION					
CODE	SIZE	PURCHASE UNIT	CARTON DIMENSIONS (LxWxH)	CARTON WEIGHTS	CUBIC METRE
113030	M	1 carton of 500 gloves (50/box x 10)	45 x 28.3 x 27cm	8.38kg	0.03m ³
113040	L				
113050	XL				
113060	2XL				

***WARNING:** This product contains natural rubber latex which may cause allergic reactions.

RESISTANCE OF GLOVES TO PERMEATION BY CHEMICALS		
CHEMICAL	EN ISO 374-1:2016 PERFORMANCE LEVEL	EN 374-4:2013 MEAN DEGRADATION / %
Diethylamine (G)	0	20.4
Ethanol	0	-17.6
Isopropanol 70%	1	-10.7
Diethyl Ether	0	3.1
Sodium Hydroxide 40% (K)	6	-40.0
Sulphuric Acid 96% (L)	2	27.8
Ammonium Hydroxide 25% (O)	1	-215.7
Nitric Acid 65% (M)	4	-0.9
Acetic Acid 50%	2	-78.8
Chlorhexidine Digluconate 4%	6	7.0
Saturated Benzalkonium Chloride	6	25.6
Formaldehyde 37% (T)	6	-97.8
Glutaraldehyde 50%	6	-36.4
Hydrogen Peroxide 30% (P)	5	22.8

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

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

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)	15.4	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 (0.5 mg/mL)	> 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
Thiotepa (10.0 mg/mL)	30.6	Slight swelling & no degradation
Vincristine Sulfate (1.0 mg/mL)	> 240	Slight swelling & no degradation

MANDATORY STATEMENTS EN ISO 374-1:2016

"This information does not reflect the actual duration of protection in the workplace and the differentiation between mixtures and pure chemicals."

"The chemical resistance has been assessed under laboratory conditions from samples taken from the palm only (except in cases where the glove is equal to or over 400mm - where the cuff is tested also) and relates only to the chemical tested. It can be different if the chemical is used in a mixture."

"It is recommended to check that the gloves are suitable for the intended use because the conditions at the workplace may differ from the type depending on temperature, abrasion and degradation."

"When used, protective gloves may provide less resistance to the dangerous chemical due to changes in physical properties. Movements, snagging, rubbing, degradation caused by the chemical contact etc. may reduce the actual use time significantly. For corrosive chemicals, degradation can be the most important factor to consider in selection of chemical resistant gloves."

"The penetration resistance has been assessed under laboratory conditions and relates to the tested specimen."

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



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