

Blue52 Nitrile Gloves



PRODUCT INFORMATION

MATERIAL	Nitrile
COLOR	Blue
TYPE	Ambidextrous, non-sterile, single-use
INTERIOR	Powder-free
EXTERIOR	Fully textured
SIZES	S - XL
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)



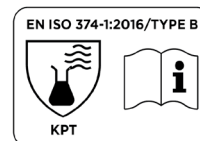
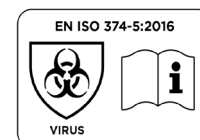
PHYSICAL PROPERTIES

AQL	1.5	
GLOVE WEIGHT	5.2g (medium)	
GLOVE THICKNESS	5mil	
GLOVE LENGTH	9.5"	
	BEFORE AGING	AFTER AGING
TENSILE STRENGTH (MPA)	min. 18	min. 14
ULTIMATE ELONGATION	min. 500%	min. 400%



QUALITY STANDARDS

FDA STATUS	(21 CFR 177) compliant for food handling
AUDIT STANDARDS	Manufactured in an ISO 9001:2015 and an ISO 13485:2016 facility
TEST STANDARDS	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 D6978 Chemotherapy Drug Tested



PACKAGING & ORDERING INFORMATION

CODE	SIZE	PURCHASE UNIT	CASE DIMENSIONS (LxWxH)	CASE WEIGHT	CUBIC FEET
1141202	S	1 case of 1,000 Gloves (100/box x 10)	15.3 x 9.8 x 9.8"	12lbs	0.8ft ³
1141302	M				
1141402	L				
1141502	XL				

RESISTANCE OF GLOVES TO PERMEATION BY CHEMICALS

CHEMICAL	EN ISO 374-1:2016 PERFORMANCE LEVEL	EN 374-4:2019 MEAN DEGRADATION / %				
Sodium Hydroxide 40% (K)	6	4.0				
n-Heptane (J)	0	47.3				
Formaldehyde 37% (T)	4	30.1				
Isopropanol 70%	2	61.8				
Hydrogen Peroxide 30% (P)	4	18.7				
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 374-4:2019 - 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:						
<ul style="list-style-type: none"> • 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						

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.*"

CHEMOTHERAPY DRUGS PERMEATION TEST (ASTM D6978-05)

CHEMICAL	MIN BREAKTHROUGH DETECTION TIME (mins)
*Carmustine (BCNU) (3.3 mg/mL)	10.1
Cisplatin (1.0 mg/mL)	> 240
Cyclophosphamide (Cytoxan) (20.0 mg/mL)	> 240
Cytarabine (100 mg/mL)	> 240
Dacarbazine (DTIC) (10.0 mg/mL)	> 240
Doxorubicin Hydrochloride (2.0 mg/mL)	> 240
Etoposide (Toposar) ((20.0 mg/mL)	> 240
Fluorouracil (50.0 mg/mL)	> 240
Ifosfamide (50.0 mg/mL)	> 240
Methotrexate (25.0 mg/mL)	> 240
Mitomycin C (0.5 mg/mL)	> 240
Mitoxantrone (2.0 mg/mL)	> 240
Paclitaxel (Taxol) (6.0 mg/ml)	> 240
*Thiotepa (10.0 mg/mL)	30.2
Vincristine Sulfate (1.0 mg/mL)	> 240
*Warning: Not recommended for use with Carmustine and Thiotepa	
Fentanyl Citrate Injection (100 mcg/2mL)	> 240



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

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