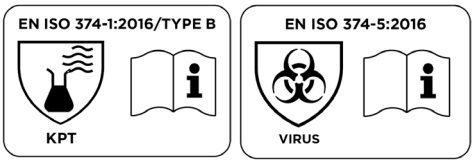
FineTOUGH
Nitrile Gloves

PRODUCT INFORMATION	
MATERIAL	Nitrile
COLOR	Indigo or white
TYPE	Ambidextrous, non-sterile, single-use
INTERIOR	Powder-free
EXTERIOR	Textured fingertips
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	3g (medium)	
GLOVE THICKNESS	2.6mil	
GLOVE LENGTH	9”	
	BEFORE AGING	AFTER AGING
TENSILE STRENGTH (MPA)	min. 14	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 Halal and HACCP certified **(Indigo only)** Manufactured in a Certified WRAP Facility
TEST STANDARDS	EN ISO 374-1:2016+A1:2018/Type B EN ISO 374-5:2016 Resistance to Bacteria, Fungi and Viruses ASTM D6319

PACKAGING & ORDERING INFORMATION

WHITE CODE	INDIGO CODE	SIZE	PURCHASE UNIT	CASE DIMENSIONS (LxWxH)	CASE WEIGHT	CUBIC FEET
1172202	1162202	S	1 case of 2,000 Gloves (200/box x 10)	14.1 x 9.8 x 9.6”	15.2lbs	0.77ft^3
1172302	1162302	M				
1172402	1162402	L				
1172502	1162502	XL				

RESISTANCE OF GLOVES TO PERMEATION BY CHEMICALS

CHEMICAL	EN ISO 374-1:2016+A1:2018 PERFORMANCE LEVEL	EN 374-4:2019 MEAN DEGRADATION / %
Chlorhexidine Digluconate 4%*	6	19.0
Sodium Hydroxide 40% (K)	6	-42.9
Sodium Hypochlorite 10-13%	6	14.7
Sulphuric Acid 50%	6	-20.5
Acetic Acid 10%	4	66.7
Ethidium Bromide 5%	6	3.4
Formaldehyde 37% (T)	3	5.0
Nitric Acid 65% (M)	0	97.6
Glutaraldehyde 50%	6	27.4
Phenol 0.1%	6	33.8
Hydrogen Peroxide 30% (P)	2	22.8
Methanol in Water 1.5%	6	21.9
Isopropanol 70%	0	62.2
Ethanol 35%	0	38.8
Acetic Acid 99% (N)	0	93.9
Ammonium Hydroxide 25% (O)	0	-52.0
Povidone-iodine 3%	6	33.7
Sodium Percarbonate 10%	6	15.4

* The minimum observable permeation rate was 7µg/cm^2/min

EN ISO 374-1:2016+A1:2018 - 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:

- 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

EN 455-2:2009 - Medical gloves for single use = ≥ 6.3N (requirement is ≥ 6.0)

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 used 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.

Eagle Protect PBC
sales@eagleprotect.com
eagleprotect.com
1 800 384 3905

Head Office
3079 Harrison Avenue #21
South Lake Tahoe
California 96150

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