



GENERAL DESCRIPTION

Formulation	Nitrile Butadiene Rubber (NBR)
Design	Powder-Free / Beaded-Cuff / Ambidextrous / Textured Fingers / Blue Color
Packaging	100 gloves per box
	10 boxes per carton = 1000 gloves per carton

STANDARDS

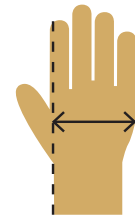
US & Canada	ASTM D412 - Tensile Properties of Vulcanized Rubber ASTM D3578 - Standard Specification for Rubber Examination Gloves ASTM D5151 - Standard Test for Detection of Holes in Medical Gloves ASTM D573 - Accelerated Aging of Rubber (at 70°C for 166hr) ASTM D6124 - Test Method for Residual Powder on Medical Gloves ASTM D6978 - Resistance of Medical Gloves to Permeation by Chemotherapy Drugs ASTM F1671 - Resistance of Materials Used in Protective Clothing to Penetration by Blood-Borne Pathogens ASTM F739 - Resistance of Protective Clothing Materials to Permeation by Liquid or Gaseous Chemicals
	FDA CFR 21 177.2600 - Food Handling
European Union	EN 16523-1 - Determination of Resistance to Permeation by Liquid Chemicals EN 420 - Protective Gloves - General Requirements and Test Methods

QUALITY

Quality Assurance

ISO 13485, ISO 9001, and US FDA QSR Quality Management System

SIZES	CODES	WIDTH (+/- 10mm)	
XS	FFOC0061	77mm	3.0"
S	FFOC0078	85mm	3.3"
M	FFOC0085	96mm	3.8"
L	FFOC0092	113mm	4.4"
XL	FFOC0108	121mm	4.7"



NOMINAL THICKNESS	mm	mil
Finger	0.14 (Min ≥0.05)	5.5
Palm	0.09 (Min ≥0.05)	3.5

LENGTH (+/- 10mm)	mm	inches
From Middle Finger-Tip to Edge of Cuff	245mm	9.6"

STRENGTH	TENSILE STRENGTH (MPa)	ELONGATION (%)
Before Ageing	48 Mpa	611%
After Ageing	51 Mpa	541%

FREEDOM FROM HOLES	
Acceptable Quality Level (AQL)	≤1.5
RESIDUAL POWER	TYPICAL
Specification: ≤2.0mg/glove	0.2mg/glove



MEDICAL



DENTAL



VETERINARY



LABS

CHEMICAL RESISTANCE (EN 16523-1:2105 + A1_2018)

CHEMICAL NAME	%	CAS No.	LOWEST BREAK-THROUGH TIME (min) 1.0*	DETECTION LIMIT (µg/cm ² /min)
Acetic Acid	10%	64-19-7	178	0.04
Chlorhexidine digluconate	20%	18472-51-0	>480	0.04
Ethanol	20%	64-17-5	>480	0.04
Ethidium bromide	1.50%	1239-45-8	>480	0.04
Formaldehyde	37%	50-00-0	140	0.04
Hydrochloric acid	36%	7647-01-0	77	0.04
Hydrogen peroxide	30%	7722-84-1	>480	0.04
Isopropanol	70%	67-63-0	78	0.04
Nitric acid	65%	7697-37-2	<6	0.04
Sodium hydroxide	40%	1310-73-2	>480	0.04
Sulphuric acid	47%	7664-93-9	>480	0.04
Sodium hypochlorite	10%	7681-52-9	>480	0.04

*Time point at which the permeation reaches the permeation rate of 1.0 µg/cm²/min

CHEMOTHERAPEUTIC DRUG + FENTANYL RESISTANCE (ASTM D6978-05)

DRUG NAME	OBSERVATIONS	LOWEST BREAK-THROUGH TIME (min)	AVG. STEADY STATE PERMEATION RATE (µg/cm ² /min)
Methotrexate, 25 mg/ml	Slight swelling and no degradation	>240	N/A
Carmustine (BCNU), 3.3 mg/ml	Slight swelling and no degradation	34.5	0.5
Cisplatin, 1 mg/ml	Slight swelling and no degradation	>240	N/A
Cyclophosphamide (Cytosan), 20 mg/ml	Slight swelling and no degradation	>240	N/A
Doxorubicin HCl, 2.0 mg/ml	Slight swelling and no degradation	>240	N/A
Etoposide, 20.0 mg/ml	Slight swelling and no degradation	>240	N/A
Fluorouracil, 50.0 mg/ml	Slight swelling and no degradation	>240	N/A
Paclitaxel (Taxol), 6.0 mg/ml	Slight swelling and no degradation	>240	N/A
Thiotepa, 10.0 mg/ml	Slight swelling and no degradation	37.9	0.5
Dacarbazine 10.0 mg/ml	Slight swelling and no degradation	>240	N/A
Vincristine Sulfate 1.0 mg/ml	Slight swelling and no degradation	>240	N/A
Fentanyl Citrate Injection, 100mcg/2mL	Slight swelling and no degradation	>240	N/A

