



GEN-X®

FROST & SULLIVAN
2021 BEST PRACTICES AWARD



E-Brochure



Talk to Us



NITRILE EXAMINATION GLOVES

SMART GLOVE®

- ▶ Drugs permeation test conducted per ASTM D6978-05 standard
- ▶ Options for use with 32 Chemotherapy Drugs and Fentanyl available
- ▶ Offers Accelerator, Sulphur, and Zinc Free option for advanced allergy protection
- ▶ Low modulus and high elongation help prevent hand fatigue
- ▶ Provides a very comfortable and soft feel to the wearers with close similarity to natural rubber
- ▶ Biodegradable options are available as a sustainable solution for glove wastage



Nitrile Medical Examination Glove

Material	Nitrile
Length	9-inch / 12-inch
Finishing	Powder Free
Design & Features	Finger Textured, Ambidextrous, Full textured, Beaded Cuff
Colours	Blue / White / Black / Pink / Orange
Quality Standards	ASTM D6319, EN455 1-4, PPE Cat III EN ISO 374-1 & 5
Weight (M Size)	3g - 5.5g (2.5mil to 5mil)

Nitrile High Risk & EMS Glove

Material	Nitrile/ Hybrid material
Length	9-inch / 12-inch / 16-inch
Finishing	Powder Free
Design & Features	Finger Textured, Ambidextrous, Finger or Full textured, Beaded Cuff
Colours	Blue / Black / Orange / Dual Color
Quality Standards	ASTM D6319, ASTM D6977, EN455 1-4
Weight (M Size)	4.5g - 17.0g (4mil to 11mil)
Highlights	Designed for high risk exposure, heavy duty, Emergency Medical Services (EMS), and laboratory tasks Tested for use with chemotherapy drugs Hybrid material provide superior chemical permeation resistance Extended cuff provide protection over wrist

Nitrile 32 Chemotherapy Drugs & **FENTANYL PROTECTION** Glove

Material	Nitrile
Length	9-inch / 12-inch
Finishing	Powder Free
Design & Features	Finger Textured, Ambidextrous, Full textured, Beaded Cuff
Colours	Blue / Black / Pink
Quality Standards	ASTM D6319, ASTM D6978, EN455 1-4, PPE Cat III EN ISO 374-1&5
Weight (M Size)	6.8g - 17.5g (6mil to 13mil)

Ultra-Soft Polychloroprene Medical Examination Glove (C-series)

Material	Polychloroprene
Length	9-inch
Finishing	Powder Free
Design & Features	Finger Textured, Ambidextrous, Full Textured, Beaded Cuff
Colours	Green / Blue / Black / Pink / Brown
Quality Standards	ASTM D6977, EN455 1-4, PPE Cat III EN ISO 374-1 & 5
Weight (M Size)	3.5g - 6.0g (3mil to 6mil)
Highlights	Provides a very comfortable and soft feel to the wearers with close similarity to natural rubber Low modulus and high elongation help prevent hand fatigue Suitable for dental, medical personnel, veterinary operations, and pharmaceutical



Super-Soft Nitrile Medical Examination Glove (S-Series)

Material	S1 Nitrile
Length	9-inch / 12-inch
Finishing	Powder Free
Design & Features	Finger Textured, Ambidextrous, Beaded Cuff
Colours	Blue / White / Black / Pink / Orange
Quality Standards	ASTM D6319, EN455 1-4, PPE Cat III EN ISO 374-1 & 5
Weight (M Size)	3.5g - 8.0g (3mil to 6mil)
Highlights	S-Series offers superior comfort and easy donning to the wearer Offers Accelerator, Sulphur, and Zinc Free option for advanced allergy protection Suitable for medical personnel, veterinary operations, pharmaceutical, and general hygiene use



Natural Rubber High Risk Glove

Material	Natural Rubber
Length	12-inch
Finishing	Powder Free
Design & Features	Finger Textured, Ambidextrous, Hand Specific, Beaded Cuff
Colours	Blue
Quality Standards	ASTM D3578, EN455 1-4
Weight (M Size)	17.5g - 23.4g (15mil to 18mil)
Highlights	Designed for high risk exposure, heavy duty, Emergency Medical Services (EMS), and laboratory tasks. Tested for use with chemotherapy drugs Ideal for chemical handling, decontamination and sterile procedure Extended cuff provide protection over wrist

Natural Rubber Medical Examination Glove

Material	Natural Rubber
Length	9-inch
Finishing	Powder Free
Design & Features	Finger Textured, Ambidextrous, Beaded Cuff
Colours	White / Blue
Quality Standards	ASTM D3578, EN455 1-4, PPE Cat III EN ISO 374-1 & 5
Weight (M Size)	5g - 6g (4mil to 6mil)
Highlights	Offers superior comfort to the wearer Elasticity providing better fit, finger dexterity and tactility Ideal for minor procedure and examination

2018 Asia-Pacific Global Medical Glove - Frost & Sullivan's Technology Innovation Award

“ Having founded nearly 25 years ago, Smart Glove is a global leading innovative glove manufacturer. At present, the company has offices in Malaysia and Indonesia and marked its footprint in 15 countries including Australia, United States (US) and the Middle East. Armed with strategic technological expertise and a broad knowledge in the medical gloves industry, Smart Glove is able to be on the frontier of technology, developing a wide range of innovative product lines. Smart Glove adopts stringent measures according to international standards including the European Directives and FDA as well as country-specific market regulations. Being one of the first companies to use the Nitrile glove technology, the company thrives to offer innovative, cost effective and environmentally sustainable products without compromising on the quality.

Medical grade nitrile gloves are known to be highly tensile and durable, sought after in the healthcare industry for protection against disease transmission, infection and contamination. Cognizant of the need for allergy-free and comfortable medical gloves, Smart Glove has invested about 20 years in R&D. Among the company's products are the supersoft gloves technology in 2005, known as Gen-X, the ultra-soft light-weight gloves in 2016, known as the S-Series and nitrile gloves with skincare as well as ESD properties in 2016 and 2017 respectively. ”



✓ Standards & Compliances

ASTM D6319 Standard Specification for Nitrile Examination Gloves for Medical Application	ASTM D3578 Standard Specification for Rubber Examination Gloves	ASTM D6977 Standard Specification for Polychloroprene Examination Gloves for Medical Application	ASTM D6978-05 Standard Practice for Assessment of Resistance of Medical Gloves to Permeation by Chemotherapy Drugs
EN 455 Requirements and Test for Single use medical gloves	Regulation (EU) 2016/425 Personal Protective Equipment - Category III Product	EN ISO 21420 Protective Gloves: General Requirements and Test Methods	ISO 374-1, EN 374-5 Protective Gloves against Dangerous Chemicals and Micro-organisms

*Other specific local regulatory requirements can be fulfilled upon request.

✓ Why GEN-X®



Excellent sensitivity and grip



Superior comfort and easy donning to the wearer



Advanced allergy protection



Protection against contamination

✓ Applications



Medical



Pharmaceutical



Veterinary



General Hygiene

GEN-X® iDentalglove™ SmartMedic™ SmartClean™ MetalMan™ iChefglove™ iSafe™



Good Manufacturing Practices



UL/NFPA Certified



Medical Device License, Health Canada



US FDA Registered Plants



510K Approved



New Zealand Medicines and Medical Devices Safety Authority



CE Marking



Australian Register of Therapeutic Goods Certificate



Japan's Ministry of Health, Labour and Welfare (MHLW)



ISO 9001:2015



ISO 13485:2016