

SMART GLOVE®



SmartMedic™

POLYISOPRENE SURGICAL GLOVES



E-Brochure



Talk to Us



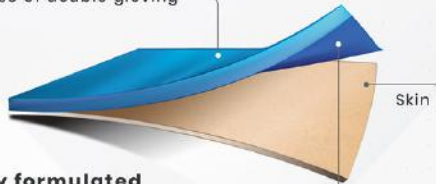
Super low modulus

softer, high elasticity material offering superior comfort and exceptional fit similar to Natural Rubber



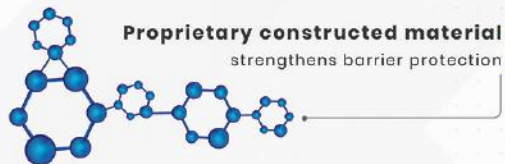
Advanced surface treatment technology

Improves the ease of double gloving



Specially formulated inner coating

for smooth donning



Proprietary constructed material
strengthens barrier protection

Anatomical fit

hand-specific curved finger design minimizes hand fatigue

Latex Free

Free from latex allergy (Type I) including anaphylactic response

AQL 0.65

High performance quality control

Micro-textured

finish offers high tactile sensitivity and strong grip suitable for intricate surgical procedures

Product Specification

Material	Polysoprene (non-latex)
Thickness (mm)	Finger: 0.20 (8mil) Palm: 0.17 Cuff: 0.16
Length (mm)	300 ±10
Design	Anatomical, curved finger, micro textured, beaded cuff
Color	White
Sterility	Sterile
Particulate Test	Max 2mg/ glove
Shelf Life	5 years
Sterile	Gamma Irradiation
AQL (freedom from holes)	0.65
Packing Mode	1 pair per wallet/ bi-fold pouch 50 pouches/ dispenser 4 dispensers/ carton



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

ABOUT SMART GLOVE®

Founded in 1995, Smart Glove Corporation is a globally recognized leading innovative glove manufacturer.

Armed with a wealth of experience and expertise in glove manufacturing and with a robust operating history of over 20 years, Smart Glove manufactures a diverse range of superior quality gloves that meet your needs for various industries – medical, dental, surgical, Emergency Medical Services (EMS), cleanroom and food.

Our Brands:

GEN-X® iDentalglove™

SmartMedic™ SmartClean™ iSafe™

MetalMan™ iChefglove™

Chemotherapy Drug Permeation Resistance		Tested per ASTM D6978-05
Chemical Tested	Minimum Breakthrough Detection Time in Minutes	
Carmustine (BCMU), 3.3 mg/ml (3,300ppm)	12.6	
Cisplatin, 1 mg/ml (1,000 ppm)	>240 min	
Cyclophosphamide, 20 mg/ml (20,000 ppm)	>240 min	
Dacarbazine, 10 mg/ml (10,000ppm)	>240 min	
Doxorubicin HCl, 2 mg/ml (2,000ppm)	>240 min	
Etoposide, 20 mg/ml (20,000ppm)	>240 min	
Fluorouracil, 50 mg/ml (50,000ppm)	>240 min	
Ifosfamide, 50 mg/ml (50,000ppm)	>240 min	
Methotrexate, 25 mg/ml (25,000ppm)	>240 min	
Mitomycin C, 0.5 mg/ml (500 ppm)	>240 min	
Mitoxantrone, 2 mg/ml (2,000 ppm)	>240 min	
Paclitaxel, 6 mg/ml (6,000 ppm)	>240 min	
Thiotepa, 10 mg/ml (10,000 ppm)	12.0	
Vincristine Sulfate, 1 mg/ml (1,000 ppm)	>240 min	

Not recommended for use with Carmustine and Thiotepa

Size Details			
Size	Palm width (mm)		Weight (gm)
	ASTM	EN	
5.5	70 ±6	72 ±4	9.2 ± 0.3
6.0	76 ±6	77 ±5	10.4 ± 0.3
6.5	83 ±6	83 ±5	11.1 ± 0.3
7.0	89 ±6	89 ±5	11.8 ± 0.3
7.5	95 ±6	95 ±5	12.4 ± 0.3
8.0	102 ±6	102 ±6	13.3 ± 0.3
8.5	108 ±6	108 ±6	13.9 ± 0.3
9.0	114 ±6	114 ±6	14.5 ± 0.3
9.5	121 ±6	121 ±6	15.3 ± 0.3

Product Standards		
ASTM D 3577	ASTM D 6978	EN455
ISO 10993-10	US FDA 510K	

Quality Standards		
ISO 13485	ISO 9001	GMP

Physical Properties		
	Before Aging	After Aging
Tensile Strength (MPa)	Min 17	Min 12
Ultimate Elongation (%)	Min 650	Min 490
Modulus 500% (MPa)	Max 7	-
Force at Break (N)	Min 9	Min 9



SMART GLOVE INTERNATIONAL PTE. LTD.

@smartgloveintl

info@smartgloveintl.com