



NEOLON® 2G

STERILE AND POWDER-FREE LATEX-FREE SURGICAL GLOVES

Neolon 2G is a safe and economical alternative to natural rubber latex. While many hospitals strive to implement latex-free environments in the Operating Room, for some, it puts too big a strain on their budget. Neolon 2G provides a cost-effective bridge to move from latex to latex-free surgical gloves.

Neolon 2G is made from a second generation polychloroprene material. This new neoprene formulation from Medline exhibits outstanding performance characteristics compared to the latex-free surgical gloves of the past.

Medline's Neolon 2G has been tested for use with the following chemotherapy drugs.

Carmustine (BCNU)* Avg. 5.18 (6.55, 5.95, 3.04)

Cisplatin 240 Minutes

Cyclophosphamide (Cytosan) 240 Minutes

Dacarbazine (DTIC) 240 Minutes

Doxorubicin Hydrochloride 240 Minutes

Etoposide (Toposar) 240 Minutes

Fluorouracil 240 Minutes

Paclitaxel (Taxol) 240 Minutes

Thiotepa* Avg. 3.03 (6.41, 1.63, 1.06)

Vincristine Sulfate 240 Minutes

* Do not use with Carmustine and Thiotepa.

Surgeons and staff can feel confident knowing that the surgical gloves Medline produces are 100% inspected for

pinholes, tears and visual defects. Medline's 0.65 AQL is 57% more stringent than the FDA requires. Medline's testing also meets or exceeds ASTM, EN and ISO standards.

Features and Benefits

- Cost-effective latex-free alternative to synthetic Polyisoprene
- Ideal for general surgery as well as any surgery where staff members may have chemical accelerator sensitivities.
- The lightly textured grip provides more sensitivity
- Brown color reduces the glare from the lights in the operating room
- New folded packaging design reduces waste and saves space
- Powder-free and coated with a synthetic polymer to assist with damp hand donning
- ARC (anti-roll down cuff) was designed to reduce cuff roll-down common with most powder-free gloves
- Anatomical, curved former designed to enhance comfort and reduce hand fatigue

Specifications

- Synthetic Polychloroprene Rubber (non-latex)
- Synthetic Polymer Coating
- Brown
- Lightly Textured
- Standard Thickness 9.1 mil

Ordering Information

Item Number	Size
MSG6055	5.5
MSG6060	6.0
MSG6065	6.5
MSG6070	7.0
MSG6075	7.5
MSG6080	8.0
MSG6085	8.5
MSG6090	9.0

50 Pairs/Box, 200 Pairs/Case



TECHNICAL SHEET

NEOLON 2G

Primary Material	Powder-Free Synthetic Polychloroprene (Neoprene) with Synthetic Polymer Coating ≤2.0 milligrams/glove of powder in accordance with ASTM D6124 and ISO 21171	
Donning Agent	Synthetic Polymer Coating (Inner surface coated for dry and damp hand donning)	
Color	Brown	
Grip	Lightly Textured (Ideal for procedures requiring exceptional grip)	
Former (Mold) Design	Anatomical, curved former designed to enhance comfort and reduce hand fatigue	
Cuff Design	Tapered, beaded cuff design to prevent rolldown. Reinforced material prevents tearing.	
Chemical Additives (Accelerators)	Zinc Diethyldithiocarbamate (ZDEC) and Zinc Dibutyldithiocarbamate (ZDBC) Residual chemical levels below detectable level according to UPB/P/003a test method	
Leachable Protein	No natural rubber latex proteins and allergens.	
Thickness (per ASTM D3577 ≥ 0.10 mm)	Finger Tip	0.23 mm
	Cuff	0.15 mm
Cuff Length (per EN455-2 ≥ 270 mm size 7.5)	300 mm	
Force @ Break Before Accelerated Aging (per EN455-2 ≥ 9 N)	Meets/Exceeds	
Force @ Break After Accelerated Aging (per EN455-2 ≥ 9 N, 7 days 70°C in an oven)	Meets/Exceeds	
Elongation @ Break Before Accelerated Aging (per ASTM D3577 ≥ 750%)	Meets/Exceeds	
Elongation @ Break After Accelerated Aging (per ASTM D3577 ≥ 560%, 7 days 70°C in an oven)	Meets/Exceeds	
Freedom from Holes (per EN 455 AQL 1.5)	1.0 AQL Final Inspection	
Viral Penetration	Tested and passed, in accordance with ASTM F 1671	
Chemical Resistance	The resistance to some chemicals has been assessed in accordance with EN 374-3 Results and recommendations for use with chemicals can be obtained on request	
Sterilization	Gamma Radiation, Sterility Assurance Level 10-6	
Expiration Date	35 Months from Date of Manufacture Manufacture and Expiration Dates are printed on packaging (YYYY-MM format)	
Packaging	Polyethylene peel pouch material protects product during transport and storage from moisture and ozone and prevents tearing when opening to maintain a sterile environment. Packaged in space-saving folded configuration.	
Storage Recommendations	Protect from freezing. Avoid excessive heat. Keep dry. Product should be shielded from direct sunlight, fluorescent lighting, X-rays, moisture and ozone. Do not store in temperatures above 40°C.	
Country of Origin	Malaysia	



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