Cardinal Health™ Protexis™ Surgical Gloves

PI Blue with Neu-Thera™ Coating

Essential underglove safety and comfort with Neu-Thera™ Coating

- Cardinal Health is the #1 synthetic polyisoprene glove leader[1]
- Non-latex, synthetic polyisoprene
- Legacy of intentional innovation and decades of self-manufacturing excellence
- The essential underglove with a distinct blue color to alert wearers of perforations in the outer glove[2]
- Interlocking, beaded cuff design reduces roll-down
- Anatomical fit and natural movement due to proprietary hand mold with an independent thumb design
- Enable wet and dry donning, promote skin moisturization* and support hand hygiene compliance with Neu-Thera™ Coating[3]

Protexis™ PI Surgical Gloves with Neu-Thera™ Coating are a non-latex, synthetic polyisoprene solution suitable for double-gloving. The blue color alerts wearers to breaches in the outer glove[2] and the Neu-Thera™ Coating eases donnability while moisturizing hands during glove wear.*

Meets all relevant FDA and ASTM standards, including those for physical dimensions,† physical properties† and freedom from holes.‡ Documentation and testing data available upon request.

Clinical Application Matrix

Department	General	Cardiovascular	Dental/Maxillofacial	Ear, Nose and Throat (ENT)	Endovascular	Labor & Delivery	Laparoscopic/Robotics	Neuro	Obstetrics	Ophthalmology	Orthopedics	Pediatrics	Plastics	Thoracic	Urology	Vascular
Protexis™ PI Blue Surgical Gloves with Neu-Thera™ Coating 2D73EB55-90		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

This table was developed by a group of clinicians. It reflects current best practices of surgical glove usage per application. Ultimately, it is up to the discretion of the clinician to choose the right glove for the procedure.

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Product information

Cat. no.	Size	Length	Thickness†			Material	Color	Cuff type	Qty/bx	Qty/cs
			Finger	*Palm*	*Cuff*					
2D73EB55	5.5	11.3 in./ 287 mm	7.9 mil/ 0.20 mm	5.5 mil/ 0.14 mm	5.5 mil/ 0.14 mm	Synthetic polyisoprene (PI) with Neu-Thera™ Emollient Coating	Blue	Beaded/ rolled	50	200
2D73EB60	6									
2D73EB65	6.5									
2D73EB70	7	11.8 in./ 300 mm								
2D73EB75	7.5									
2D73EB80	8									
2D73EB85	8.5									
2D73EB90	9									

Properties (before aging)

Tensile strength (min)	≥ 17 MPa†
Stress at 500% elongation (modulus) (max)	≤ 7.0 MPa†
Ultimate elongation (elasticity) (min)	≥ 650%†
Puncture resistance (cuff)§	AV ≥ 5N
Freedom from holes‡	0.65 AQL†
Sterilization	Radiation
Accelerant	Zinc diethyldithiocarbamate (ZDEC), Zinc mercaptobenzothiazole (ZMBT), Diphenylguanidine (DPG)

Chemotherapy agent permeation¶,‖

Agent	Minimum breakthrough detection time in minutes (0.01 µg/cm²/minute)
Carmustine (3.3 mg/mL)	18.5
Cisplatin (1.0 mg/mL)	> 240
Cyclophosphamide (20 mg/mL)	> 240
Doxorubicin HCL (2.0 mg/mL)	> 240
Etoposide (20 mg/mL)	> 240
5-Fluorouracil (50 mg/mL)	> 240
Ifosfamide (50 mg/mL)	Not tested
Methotrexate (25 mg/mL)	> 240
Mitomycin C (0.5 mg/ml)	> 240
Mitoxantrone (2 mg/mL)	Not tested
Paclitaxel (6.0 mg/mL)	> 240
ThioTEPA (10 mg/mL)	24.4
Vincristine Sulfate (1.0 mg/mL)	> 240

Permeation times differ for gloves sterilized using gamma radiation

When chemotherapy drugs are present, glove selection should be based on the specific type(s) of chemicals used. Users should review drug labeling or Material Safety Data Sheets for the chemicals being used to determine an adequate level of protection.

*Data on file with Cardinal Health. California Skin Research Institute Study, Project Number 03-118.
†In accordance with ASTM D 3577
‡Tested in accordance with ASTM D 5151
¶Tested in accordance with ASTM D 6978-05
§Tested in accordance with AS/NZS 4179, min 5 N
‖Warning: Do not use PROTEXIS™ PI or PI Blue Surgical Gloves with Neu-Thera™ and Carmustine (BCNU) (3.3 mg/mL) or ThioTEPA (10 mg/mL).

References: 1. Synthetic Gloves Units, Clarivate, 2024 **2.** Waljee F, Malay S, Chung K. Sharps injuries: The risk and relevance to plastic surgeons. *Plast Reconstr Surg*. 2013 Apr; 131(4): 784-791. doi: 10.1097/PRS.0b013e3182818bae **3.** Bearman G, Rosato AE, Duane TM, et al. Trial of universal gloving with emollient-impregnated gloves to promote skin health and prevent the transmission of multidrug-resistant organisms in a surgical intensive care unit. *Infect Control Hosp Epidemiol*. 2010;31(5):491-497. doi:10.1086/651671

Protect what matters
with Cardinal Health™ Protexis™ Surgical Gloves

Trust in high-quality gloves designed to protect both clinician and patient. Manufactured with strict quality controls and robust testing, you can depend on Protexis™ Surgical Gloves every time you enter the OR. Choose from a variety of comfortable, tactile options that can help support positive clinical outcomes. Rely on Protexis™ Surgical Gloves to help protect what matters most: you and your patients.

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