



Cardinal Health™ Protexis™ Surgical Gloves



PI

Best-selling synthetic surgical glove

- Cardinal Health is the #1 synthetic polyisoprene glove leader¹
- Synthetic polyisoprene — not made from natural rubber latex
- 50 years of self-manufacturing expertise
- Providing protection across a wide array of clinical cases
- A multipurpose solution that offers dexterity with barrier protection²
- Interlocking, beaded cuff design reduces roll-down
- Anatomical fit and natural movement due to proprietary hand mold with an independent thumb design

Protexis™ PI Surgical Gloves are the best-selling synthetic polyisoprene surgical gloves in the Cardinal Health™ Surgical Glove portfolio.¹ They provide tactile response and barrier protection with the versatility of a multipurpose glove.


Meets all relevant FDA and ASTM standards, including those for physical dimensions,^{*} physical properties^{*} and freedom from holes.[†] Documentation 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 Surgical Gloves 2D72PT55X-90X	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

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.

Product information

Cat. no.	Size	Length	Thickness*			Material	Color	Cuff type	Qty/bx	Qty/cs
			Finger	Palm	Cuff					
2D72PT55X	5.5	11.3 in./ 287 mm	9.1 mil/ 0.23 mm	6.7 mil/ 0.17 mm	6.7 mil/ 0.17 mm	Synthetic polyisoprene (PI)	 Cream	Beaded/ Rolled	50	200
2D72PT60X	6									
2D72PT65X	6.5									
2D72PT70X	7	11.8 in./ 300 mm								
2D72PT75X	7.5									
2D72PT80X	8									
2D72PT85X	8.5									
2D72PT90X	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/cm ² /minute)
Carmustine (3.3 mg/mL)	15.26
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)	> 240
Methotrexate (25 mg/mL)	> 240
Mitomycin C (0.5 mg/ml)	> 240
Mitoxantrone (2 mg/mL)	> 240
Paclitaxel (6.0 mg/mL)	> 240
ThioTEPA (10 mg/mL)	16.04
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.

*In accordance with ASTM D 3577

†Tested in accordance with ASTM D 5151

‡Tested in accordance with ASTM D 6978-05

¶Warning: Do not use PROTEXIS™ PI or PI Blue with Ne-Thera with Carmustine (BCNU) (3.3 mg/mL) or ThioTEPA (10 mg/mL).

§Tested in accordance with AS/NZS 4179, min 5 N

References: 1. Synthetic Gloves Units, Clarivate, 2024 2. GHX Polyisoprene Surgical Glove Data 2018-2020



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.