

Cardinal Health™ Protexis™ Surgical Gloves



Neoprene Essential

Manufactured without traditional chemical accelerators

- Synthetic neoprene — not made with natural rubber latex
- 50 years of self-manufacturing expertise
- Manufactured with alternative chemical accelerator (zinc oxide)
- Smooth finish for tactile sensitivity
- Nitrile coating for strength, protection and easy donning
- Interlocking, beaded cuff design reduces roll-down
- Anatomical fit and natural movement due to proprietary hand mold with an independent thumb design

This surgical glove uses a specific formulation of zinc oxide during the curing process as an alternative to the four classes of chemical accelerators.



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™ Neoprene Essential Surgical Gloves 2D73DS55-90	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

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.



Product information

Cat. no.	Size	Length	Thickness*			Material	Color	Cuff type	Qty/bx	Qty/cs
			Finger	Palm	Cuff					
2D73DS55	5.5	11.1 in./ 279 mm	6.7 mil/ 0.17 mm	≥ 5.5mil/ ≥ 0.14 mm	≥ 5.5mil/ ≥ 0.14 mm	Synthetic neoprene with nitrile polymer coating	Light brown	Beaded/ rolled	50	200
2D73DS60	6									
2D73DS65	6.5									
2D73DS70	7	11.7 in./ 295 mm								
2D73DS75	7.5									
2D73DS80	8									
2D73DS85	8.5									
2D73DS90	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) [†]	5N
Freedom from holes [‡]	0.65 AQL*
Sterilization	Radiation
Accelerant	Zinc Oxide

Chemotherapy agent permeation^{†,§}

Agent	Minimum breakthrough detection time in minutes (0.01 µg/cm ² /minute)
Carmustine (3.3 mg/mL)	24.6
Cisplatin (1.0 mg/mL)	> 240
Cyclophosphamide (20 mg/mL)	> 240
Doxorubicin HCL (2.0 mg/mL)	> 240
Etoposide (20 mg/mL)	> 240
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)	83.1
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 glove labeling or Material Safety Data Sheets for the chemicals being used to determine an adequate level of protection.



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.



*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™ Neoprene or Neoprene Essential Surgical Gloves with Carmustine (BCNU) (3.3 mg/mL).