

2024 Product Catalog

Cardinal Health™ Protexis™ Surgical Gloves

Protect what  
matters



  
CardinalHealth™  
**Protexis™**

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## Cardinal Health™ Protexis™ Surgical Gloves

# From our hands to yours

As a clinician, you are entrusted with the lives and well-being of your patients every day. Cardinal Health™ Protexis™ Surgical Gloves are designed with your needs in mind, providing high-quality hand protection that you can depend on. From intentional design to manufacturing to selection, the Protexis™ Portfolio provides a variety of options and the personal support you need to help safely deliver positive clinical outcomes. Rely on Protexis™ Surgical Gloves to help protect what matters most: you and your patients.



**Designed** to protect



**Manufactured** to protect



**Collaborating** to protect





**Designed**  
to protect

# Designed with you in mind

Your surgical gloves need to protect you and your patients when you are performing surgery. Cardinal Health™ Protexis™ Surgical Gloves are designed with the right combination of features to support your performance and safety in the operating room. The Protexis™ Surgical Glove Portfolio offers a comprehensive selection of sizes, textures, materials and thicknesses to meet your preferences and procedural needs, so you can perform at your best.

- 1 Proprietary hand mold**  
Allows for natural movement to reduce hand fatigue
- 2 Independent thumb design**  
Requires minimal flexion and extension force across the palm
- 3 Neu-Thera™ Coating**  
Contains glycerin, gluconolactone and provitamin B5, promoting skin moisturization\*
- 4 Interlocking beaded cuff**  
Helps prevent cuff roll-down during procedures





**Manufactured**  
to protect

# Protecting you, our staff and the environment

Maintaining a reliable supply of surgical gloves can be challenging, especially when you have to consider quality, sustainability and safety. That's why Cardinal Health continually invests in self-manufacturing production, capacity and sustainability — so you can simplify your supply chain and put your focus back on your patients.

**85%**

of clinicians preferred Protexis™ Surgical Gloves because of the quality of our product.\*

**50+ years**

of manufacturing experience, 25 years of manufacturing excellence in Rayong, Thailand



## **Robust testing protocols**

We monitor over 2,000 quality-control variables during the production process to help ensure each glove meets our strict quality expectations.



## **Investment in sustainability**

Innovative manufacturing processes align with your organization's sustainability goals, helping protect our environment the same way we protect you.



## **Award-winning labor standards**

Over a decade's worth of recognition and awards from the government of Thailand, because our staff deserve the same protection you do.



**Collaborating**  
to protect

# Our best practice is supporting you

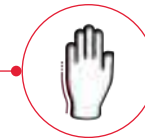
Choosing the right surgical gloves can be difficult. The Cardinal Health™ Protexis™ Surgical Gloves Team is here to provide tailored clinical support every step of the way. We'll provide guidance in choosing the right glove for the job at hand and for your unique needs while continually equipping you with evidence-based education, resources and personalized on-site surgical glove support.

**Our team is here  
to help with**



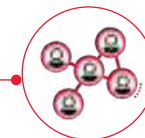
## **Clinical education**

Stay on top of your performance goals with up-to-date, evidence-based resources.



## **Inventory management**

Drive cost efficiencies with opportunities for SKU harmonization.



## **Hands-on, end-to-end clinical support**

Collaborate with our team on-site for easier glove evaluation, conversion and ongoing assistance.

## Cardinal Health **Clinical Advisor Team**

# Providing you with products and services education

The Cardinal Health Clinical Advisor Team is comprised of skilled nurses across the country who have experience helping our customers' clinical staff convert to Protexis™ Surgical Gloves and provide ongoing support in the form of in-servicing, on-site assessments and more.

The team's focus is to provide education on products and services provided by Cardinal Health, with an emphasis on clinical best practices. Our Clinical Advisor Team has helped Protexis™ customers by:



### **Providing recommendations and solutions that can help drive efficiencies in the OR:**

- Glove selection
- Product standardization
- Hand sensitivities
- How to safely don and doff



### **Supplying educational materials and insights on clinical best practices:**

- On-site demonstrations
- White papers/case studies
- Continuing education courses



### **Supporting during product evaluation, implementation and post-implementation**

### **Ready to get started?**

Reach out to your local sales representative who can engage our Clinical Advisor Team.

## A closer look at **sustainability**

# Investing in what matters, you and the environment

Your trust in Protexis™ Surgical Gloves allows us to continually invest in sustainable manufacturing and supply chain practices to help ensure we can provide you with consistent, premium hand protection that's ethically produced.



# 17%

**reduction in greenhouse gas (GHG) emissions** per pair of Protexis™ Surgical Gloves manufactured<sup>1</sup>



# >90%

**of manufacturing waste** has been diverted from landfills, using waste reduction efforts such as recycling plastic, paper, rubber scrap and waste boiler ash<sup>2</sup>



# 100%

**of paper wallets, dispenser boxes and shipping cases** for Protexis™ Surgical Gloves packaging are recyclable<sup>3</sup>



<sup>1</sup> Data on file, Cardinal Health, Glove Emissions Intensity Reports FY19-23, updated April 2024

<sup>2</sup> Data on file, Cardinal Health, Waste Disposal Reports CY21-23, updated April 2024

<sup>3</sup> Data on file, Cardinal Health, Recyclability of Primary, Secondary and Tertiary Packaging, updated April 2024





## Cardinal Health™ Protexis™ Surgical Gloves Portfolio

### Synthetic polyisoprene

- 10 Protexis™ PI
- 11 Protexis™ PI with Neu-Thera™
- 12 Protexis™ PI Classic
- 13 Protexis™ PI Blue with Neu-Thera™
- 14 Protexis™ PI Micro
- 15 Protexis™ PI Orthopaedic
- 16 Protexis™ PI Ortho
- 17 Protexis™ PI Textured

### Synthetic neoprene

- 18 Protexis™ Neoprene
- 19 Protexis™ Neoprene Essential

### Latex


- 20 Protexis™ Latex
- 21 Protexis™ Latex with Neu-Thera™
- 22 Protexis™ Latex Classic
- 23 Protexis™ Latex Hydrogel
- 24 Protexis™ Latex Blue with Neu-Thera™
- 25 Protexis™ Latex Micro
- 26 Protexis™ Latex Ortho



This product is not made  
with natural rubber latex

# Protexis™ PI

- Designed to be comfortable and reliable for a variety of surgical procedures
- Our most popular glove in the U.S.
- Synthetic polyisoprene, not made with natural rubber latex

Cat. no.	Size	Length	Thickness <sup>1</sup>			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									

See Appendix page 31 for complete testing standards

See Appendix page 30 for chemotherapy agent permeation results






This product is not made  
with natural rubber latex

# Protexis™ PI with Neu-Thera™

- Designed to be comfortable and reliable for a variety of surgical procedures
- Same great engineering as our Protexis™ PI with our patented **Neu-Thera™** coating
- Synthetic polyisoprene, not made with natural rubber latex

Ⓢ Neu-Thera™ is a moisturizing coating that we place on the inside of Protexis™ PI with Neu-Thera™. It promotes overall skin well-being by moisturizing dry, flaky skin.

Cat. no.	Size	Length	Thickness <sup>1</sup>			Material	Color	Cuff type	Qty/ bx	Qty/ cs								
			Finger	Palm	Cuff													
2D73TE55	5.5	11.3 in./ 287 mm	9.1 mil/ 0.23 mm	9.8 mil/ 0.25 mm	6.7 mil/ 0.17 mm	Synthetic polyisoprene (PI) with Neu-Thera™ Emollient Coating	 Cream	Beaded/ Rolled	50	200								
2D73TE60	6																	
2D73TE65	6.5																	
2D73TE70	7	11.8 in./ 300 mm																
2D73TE75	7.5																	
2D73TE80	8																	
2D73TE85	8.5																	
2D73TE90	9																	

See Appendix page 31 for complete testing standards






This product is not made  
with natural rubber latex

# Protexis™ PI Classic

- Designed to be comfortable and reliable for a variety of surgical procedures
- Thicker than Protexis™ PI Surgical Gloves
- Synthetic polyisoprene, not made with natural rubber latex

Cat. no.	Size	Length	Thickness <sup>1</sup>			Material	Color	Cuff type	Qty/ bx	Qty/ cs
			Finger	Palm	Cuff					
2D72PL55X	5.5	11.5 in./ 292 mm	11.2 mil/ 0.29 mm	8.3 mil/ 0.21 mm	7.1 mil/ 0.18 mm	Synthetic polyisoprene (PI)	 Cream	Beaded/ Rolled	50	200
2D72PL60X	6									
2D72PL65X	6.5									
2D72PL70X	7	12 in./ 305 mm								
2D72PL75X	7.5									
2D72PL80X	8									
2D72PL85X	8.5									
2D72PL90X	9									

See Appendix page 31 for complete testing standards








This product is not made  
with natural rubber latex

# Protexis™ PI Blue with Neu-Thera™

- Distinct **blue** color aids in alerting wearers to perforations in the outer glove
  - Ideal underglove when double-gloving
  - Synthetic polyisoprene, not made with natural rubber latex
- ⓘ Neu-Thera™ is a moisturizing coating that we place on the inside of Protexis™ PI with Neu-Thera™. It promotes overall skin well-being by moisturizing dry, flaky skin.

Cat. no.	Size	Length	Thickness <sup>1</sup>			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																	

See Appendix page 31 for complete testing standards

See Appendix page 30 for chemotherapy agent permeation results






This product is not made  
with natural rubber latex

# Protexis™ PI Micro

- Thinnest glove in the Protexis™ Synthetic Polyisoprene Portfolio
- Ideal for vascular, ophthalmology, and laparoscopic and robotics procedures
- Heightened tactile response with a comfortable, smooth, anti-slip finish
- Thin for enhanced flexibility and tactile sensitivity
- Synthetic polyisoprene, not made with natural rubber latex

Cat. no.	Size	Length	Thickness <sup>1</sup>			Material	Color	Cuff type	Qty/ bx	Qty/ cs
			Finger	Palm	Cuff					
2D73PM55	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)	 Cream	Beaded/ Rolled	50	200
2D73PM60	6									
2D73PM65	6.5									
2D73PM70	7	11.8 in./ 300 mm								
2D73PM75	7.5									
2D73PM80	8									
2D73PM85	8.5									
2D73PM90	9									

See Appendix page 31 for complete testing standards






This product is not made  
with natural rubber latex

# Protexis™ PI Orthopaedic

- Thickest glove in the Protexis™ Synthetic Polyisoprene Portfolio
- Smooth finish for tactile sensitivity
- Water-based hydrogel coating for easy donnability
- Durable for broaching and with the dexterity needed for pinning
- Rich brown color reduces glare from surgical lighting
- Synthetic polyisoprene, not made with natural rubber latex

Cat. no.	Size	Length	Thickness <sup>1</sup>			Material	Color	Cuff type	Qty/ bx	Qty/ cs
			Finger	Palm	Cuff					
2D73HT60	6	11.5 in./ 292 mm	13.4 mil/ 0.35 mm	10.2 mil/ 0.26 mm	8.3 mil/ 0.21 mm	Synthetic polyisoprene (PI) with water-based hydrogel polymer coating	 Brown	Beaded/ Rolled	40	160
2D73HT65	6.5	12.0 in./ 305 mm								
2D73HT70	7									
2D73HT75	7.5									
2D73HT80	8									
2D73HT85	8.5									
2D73HT90	9									

See Appendix page 31 for complete testing standards






This product is not made  
with natural rubber latex

# Protexis™ PI Ortho

- Thinner than PI Orthopaedic<sup>1</sup>
- Designed for use in orthopedic procedures such as trauma, labor and delivery, and reconstructive surgery
- An ideal outer glove in a double-gloving system complemented with a colored underglove

Cat. no.	Size	Length	Thickness <sup>2</sup>			Material	Color	Cuff type	Qty/ bx	Qty/ cs
			Finger	Palm	Cuff					
2D73ET60	6	11.5 in./ 292 mm	12.2 mil/ 0.31 mm	8.3 mil/ 0.21 mm	7.5 mil/ 0.19 mm	Synthetic polyisoprene (PI)	  Cream	Beaded/ Rolled	40	160
2D73ET65	6.5									
2D73ET70	7									
2D73ET75	7.5									
2D73ET80	8									
2D73ET85	8.5									
2D72LS90	9									

See Appendix page 31 for complete testing standards








This product is not made  
with natural rubber latex

# Protexis™ PI Textured

- Textured finish provides exceptional grip under dry and damp conditions
- Designed with anatomic fit to help reduce hand fatigue and texture to enhance grip
- Innovative textured zones of the glove enhance tactile sensitivity in dry or damp conditions
- Water-based hydrogel coating for easy donning enhances second-skin comfort

Cat. no.	Size	Length	Thickness <sup>1</sup>			Material	Color	Cuff type	Qty/ bx	Qty/ cs
			Finger	Palm	Cuff					
2D72TG55	5.5	11.4 in./ 292 mm								
2D72TG60	6									
2D72TG65	6.5									
2D72TG70	7	11.9 in./ 305 mm	10.6 mil/ 0.28 mm	8.3 mil/ 0.21 mm	7.1 mil/ 0.18 mm	Synthetic polyisoprene (PI)	 Cream	Beaded/ Rolled	50	200
2D72TG75	7.5									
2D72TG80	8									
2D72TG85	8.5									
2D72TG90	9									

See Appendix page 31 for complete testing standards






This product is not made  
with natural rubber latex

# Protexis™ Neoprene

- Thin and soft for enhanced tactile response<sup>1</sup>
- Synthetic neoprene, not made with natural rubber latex
- Nitrile coating for strength, protection and easy donning

Cat. no.	Size	Length	Thickness <sup>2</sup>			Material	Color	Cuff type	Qty/ bx	Qty/ cs
			Finger	Palm	Cuff					
2D73DP55	5.5	11.1 in./ 279 mm	6.7 mil/ 0.17 mm	5.5 mil/ 0.14 mm	5.5 mil/ 0.14 mm	Synthetic neoprene with nitrile polymer coating	 Light brown	Beaded/ Rolled	50	200
2D73DP60	6									
2D73DP65	6.5									
2D73DP70	7	11.7 in./ 295 mm								
2D73DP75	7.5									
2D73DP80	8									
2D73DP85	8.5									
2D73DP90	9									

See Appendix page 31 for complete testing standards

See Appendix page 30 for chemotherapy agent permeation results






This product is not made with natural rubber latex

# Protexis™ Neoprene Essential

- Manufactured with zinc oxide as an alternative to traditional chemical accelerators
- Smooth finish for tactile sensitivity
- Nitrile coating for strength, protection and easy donning
- Utilizes a specific formulation of zinc oxide during the curing process as an alternative to the four classes of chemical accelerators<sup>1</sup>
- Synthetic neoprene, not made with natural rubber latex

Cat. no.	Size	Length	Thickness <sup>1</sup>			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									

See Appendix page 31 for complete testing standards

Not made with traditional chemical accelerators

See Appendix page 30 for chemotherapy agent permeation results






Natural rubber latex

# Protexis™ Latex

- Versatile glove to be used in a wide variety of surgical environments<sup>1</sup>
- Gloves brown tint and opacity reduces glare and provides protection that is less obtrusive and less noticeable

Cat. no.	Size	Length	Thickness <sup>2</sup>			Material	Color	Cuff type	Protein content <sup>2</sup>	Qty/ bx	Qty/ cs
			Finger	Palm	Cuff						
2D72NS55X	5.5	11.1 in./ 282 mm	9.8 mil/ 0.25 mm	7.9 mil/ 0.20 mm	7.5 mil/ 0.19 mm	Natural rubber latex with nitrile polymer coating	 Light Brown	Beaded/ Rolled	Less than 50 µg/dm <sup>3</sup>	50	200
2D72NS60X	6										
2D72NS65X	6.5										
2D72NS70X	7	11.6 in./ 295 mm									
2D72NS75X	7.5										
2D72NS80X	8										
2D72NS85X	8.5										
2D72NS90X	9										

See Appendix page 31 for complete testing standards






Natural rubber latex

# Protexis™ Latex with Neu-Thera™

- Designed to be comfortable and reliable for a variety of surgical procedures
- Protexis™ Latex with **Neu-Thera™** Surgical Gloves deliver exceptional protection while promoting skin moisturization<sup>1</sup>

⑤ Neu-Thera™ is a moisturizing coating/emollient that is placed on the inside of Protexis™ Latex with Neu-Thera™. It promotes overall skin well-being by moisturizing dry, flaky skin.

Cat. no.	Size	Length	Thickness <sup>2</sup>			Material	Color	Cuff type	Protein content <sup>3</sup>	Qty/ bx	Qty/ cs									
			Finger	Palm	Cuff															
2D73TP55	5.5	11.1 in./ 282 mm	9.8 mil/ 0.25 mm	7.9 mil/ 0.20 mm	7.5 mil/ 0.19 mm	Natural rubber latex with nitrile polymer and Neu-Thera™ Emollient Coating	 Light brown	Beaded/ Rolled	Less than 50 µg/dm <sup>3</sup>	50	200									
2D73TP60	6																			
2D73TP65	6.5																			
2D73TP70	7	11.7 in./ 295 mm																		
2D73TP75	7.5																			
2D73TP80	8																			
2D73TP85	8.5																			
2D73TP90	9																			

See Appendix page 31 for complete testing standards



1. Data on file with Cardinal Health, California Skin Research Institute Study, Project Number 03-118 5 In accordance with ASTM D 3577.  
2. Thickness tested in accordance with ASTM D 3577  
3. Protein content tested using ASTM D 5712






Natural rubber latex

# Protexis™ Latex Classic

- Designed to protect in a broad range of cases
- Ideal outer glove when double-gloving, or can be worn as a stand-alone glove
- Exceptional protection, dexterity and an advanced grip

Cat. no.	Size	Length	Thickness <sup>1</sup>			Material	Color	Cuff type	Protein content <sup>2</sup>	Qty/ bx	Qty/ cs
			Finger	Palm	Cuff						
2D72N55X	5.5	11.5 in./ 292 mm	9.8 mil/ 0.25 mm	7.9 mil/ 0.20 mm	7.5 mil/ 0.19 mm	Natural rubber latex with nitrile polymer coating	 Cream	Beaded/ Rolled	Less than 50 µg/dm²	50	200
2D72N60X	6										
2D72N65X	6.5										
2D72N70X	7	12 in./ 305 mm									
2D72N75X	7.5										
2D72N80X	8										
2D72N85X	8.5										
2D72N90X	9										

See Appendix page 31 for complete testing standards






Natural rubber latex

# Protexis™ Latex Hydrogel

- Balances tactile sensitivity with protection, even when double-gloving
- Water-based hydrogel coating for easy donning with wet or dry hands and enhances second-skin comfort of latex

Cat. no.	Size	Length	Thickness <sup>1</sup>			Material	Color	Cuff type	Protein content <sup>2</sup>	Qty/ bx	Qty/ cs
			Finger	Palm	Cuff						
2D72LS55	5.5	11.5 in./ 292 mm				Natural rubber latex coated with acrylic hydrogel polymer coating	 Translucent Yellow	Beaded/ Rolled	Less than 50 µg/dm <sup>2</sup>	50	200
2D72LS60	6										
2D72LS65	6.5										
2D72LS70	7	12 in./ 305 mm	9.8 mil/ 0.29 mm	9.1 mil/ 0.14 mm	7.1 mil/ 0.14 mm	Natural rubber latex coated with acrylic hydrogel polymer coating	Translucent Yellow	Beaded/ Rolled	Less than 50 µg/dm <sup>2</sup>	50	200
2D72LS75	7.5										
2D72LS80	8										
2D72LS85	8.5										
2D72LS90	9										

See Appendix page 31 for complete testing standards






Natural rubber latex

# Protexis™ Latex Blue with Neu-Thera™

- Distinct **blue** color aids in alerting wearers to perforations in the outerglove
- Ideal underglove when double-gloving
- Designed to be comfortable and reliable for a variety of surgical procedures

Ⓢ Neu-Thera™ is a moisturizing coating that we place on the inside of Protexis™ PI with Neu-Thera™. It promotes overall skin well-being by moisturizing dry, flaky skin.

Cat. no.	Size	Length	Thickness <sup>1</sup>			Material	Color	Cuff type	Protein content <sup>2</sup>	Qty/ bx	Qty/ cs									
			Finger	Palm	Cuff															
2D72LU55	5.5	11.1 in./ 282 mm	7.87 mil/ 0.19 mm	5.5 mil/ 0.14 mm	5.5 mil/ 0.14 mm	Natural rubber latex with nitrile polymer and Neu-Thera™ Emollient Coating	 Blue	Beaded/ Rolled	Less than 50 µg/dm <sup>2</sup>	50	200									
2D72LU60	6																			
2D72LU65	6.5																			
2D72LU70	7	11.6 in./ 295 mm																		
2D72LU75	7.5																			
2D72LU80	8																			
2D72LU85	8.5																			
2D72LU90	9																			

See Appendix page 31 for complete testing standards








Natural rubber latex

# Protexis™ Latex Micro

- Thinnest glove in the Protexis™ Latex Portfolio<sup>1</sup>
- Ideal for vascular, ophthalmology, and laparoscopic and robotics procedures
- Ideal in a thin double-gloving system where fingertip sensation is essential
- Protexis™ Latex Micro is approximately 20 percent thinner than Protexis™ Latex for enhanced flexibility and tactile sensitivity
- Heightened tactile response with a comfortable, smooth, anti-slip finish

Cat. no.	Size	Length	Thickness <sup>1</sup>			Material	Color	Cuff type	Protein content <sup>2</sup>	Qty/ bx	Qty/ cs
			Finger	Palm	Cuff						
2D72NT55X	5.5	11.1 in./ 282 mm	6.9 mil/ 0.17 mm	5.5 mil/ 0.14 mm	5.5 mil/ 0.14 mm	Natural rubber latex with nitrile polymer coating	 Light brown	Beaded/ Rolled	Less than 50 µg/dm <sup>2</sup>	50	200
2D72NT60X	6										
2D72NT65X	6.5										
2D72NT70X	7	11.6 in./ 295 mm									
2D72NT75X	7.5										
2D72NT80X	8										
2D72NT85X	8.5										
2D72NT90X	9										

See Appendix page 31 for complete testing standards






Natural rubber latex

# Protexis™ Latex Ortho

- Thickest glove in the Protexis™ Latex Portfolio
- Smooth finish for tactile sensitivity
- Water-based hydrogel coating for easy donning
- Durable for broaching and tactile for pinning
- Rich brown color reduces glare from surgical lighting

Cat. no.	Size	Length	Thickness <sup>1</sup>			Material	Color	Cuff type	Protein content <sup>2</sup>	Qty/ bx	Qty/ cs
			Finger	Palm	Cuff						
2D72LT60	6	11.1 in./ 282 mm	13.4 mil/ 0.35 mm	9.4 mil/ 0.24 mm	8.3 mil/ 0.21 mm	Natural rubber latex with water-based hydrogel polymer coating	 Brown	Beaded/ Rolled	Less than 50 µg/dm <sup>2</sup>	40	160
2D72LT65	6.5										
2D72LT70	7										
2D72LT75	7.5										
2D72LT80	8										
2D72LT85	8.5										
2D72LT90	9	11.6 in./ 295 mm									

See Appendix page 31 for complete testing standards





## Appendix: Cardinal Health™ Protexis™ Testing standards and technical data

# Non-latex polyisoprene



This product is not made  
with natural rubber latex



## Properties (before aging)

	Protexis™ PI	Protexis™ PI with Neu-Thera™	Protexis™ PI Classic	Protexis™ PI Blue with Neu-Thera™	Protexis™ PI Micro
Tensile strength (min)	≥ 17 MPa <sup>1</sup>	≥ 17 MPa <sup>1</sup>	≥ 17 MPa <sup>1</sup>	≥ 17 MPa <sup>1</sup>	≥ 17 MPa <sup>1</sup>
Stress at 500% elongation (modulus) (max)	≤ 7.0 MPa <sup>1</sup>	≤ 7.0 MPa <sup>1</sup>	≤ 7.0 MPa <sup>1</sup>	≤ 7.0 MPa <sup>1</sup>	≤ 7.0 MPa <sup>1</sup>
Ultimate elongation (elasticity) (min)	≥ 650% <sup>1</sup>	≥ 650% <sup>1</sup>	≥ 650% <sup>1</sup>	≥ 650% <sup>1</sup>	≥ 650% <sup>1</sup>
Puncture resistance (cuff) <sup>2</sup>	AV ≥ 5N	AV ≥ 5N	AV ≥ 5N	AV ≥ 5N	AV ≥ 5N
Freedom from holes <sup>3</sup>	0.65 AQL <sup>1</sup>	0.65 AQL <sup>1</sup>	0.65 AQL <sup>1</sup>	0.65 AQL <sup>1</sup>	0.65 AQL <sup>1</sup>
Sterilization	Radiation	Radiation	Radiation	Radiation	Radiation
Accelerant	Zinc diethyldithiocarbamate (ZDEC), Zinc mercaptobenzothiazole (ZMBT), Diphenylguanidine (DPG)				



## Properties (before aging)

	Protexis™ PI Orthopaedic	Protexis™ PI Ortho	Protexis™ PI Textured
Tensile strength (min)	≥ 17 Mpa <sup>1</sup>	≥ 17 MPa <sup>1</sup>	≥ 17 MPa <sup>1</sup>
Stress at 500% elongation (modulus) (max)	≤ 7.0 Mpa <sup>1</sup>	≤ 7.0 MPa <sup>1</sup>	≤ 7.0 MPa <sup>1</sup>
Ultimate elongation (elasticity) (min)	≥ 650% <sup>1</sup>	≥ 650% <sup>1</sup>	≥ 650% <sup>1</sup>
Puncture resistance (cuff) <sup>2</sup>	AV = 5N	AV ≥ 5	N/A
Freedom from holes <sup>3</sup>	0.65 AQL <sup>1</sup>	0.65 AQL <sup>1</sup>	0.65 AQL <sup>1</sup>
Sterilization	Radiation	Radiation	Radiation
Accelerant	Zinc diethyldithiocarbamate (ZDEC), Zinc mercaptobenzothiazole (ZMBT), Diphenylguanidine (DPG)		

1. In accordance with ASTM D 3577

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

3. Tested in accordance with ASTM D 5151



# Non-latex neoprene



This product is not made  
with natural rubber latex



## Properties (before aging)

	Protexis™ Neoprene	Protexis™ Neoprene Essential
Tensile strength (min)	≥ 17 MPa <sup>1</sup>	≥ 17 MPa <sup>1</sup>
Stress at 500% elongation (modulus) (max)	≤ 7.0 MPa <sup>1</sup>	≤ 7.0 MPa <sup>1</sup>
Ultimate elongation (elasticity) (min)	≥ 650% <sup>1</sup>	≥ 650% <sup>1</sup>
Puncture resistance (cuff) <sup>2</sup>	AV ≥ 5	AV ≥ 5
Freedom from holes <sup>3</sup>	0.65 AQL <sup>1</sup>	0.65 AQL <sup>1</sup>
Sterilization	Radiation	Radiation
Accelerant	ZDBC (Zinc Dibutyldithiocarbamate)	Zinc Oxide

1. In accordance with ASTM D 3577
2. Tested in accordance with AS/NZS 4179, min 5 N
3. Tested in accordance with ASTM D 5151

# Latex



NATURAL RUBBER LATEX



## Properties (before aging)

	Protexis™ Latex	Protexis™ Latex with Neu-Thera™	Protexis™ Latex Classic	Protexis™ Latex Hydrogel	Protexis™ Latex Blue with Neu-Thera™	Protexis™ Latex Micro	Protexis™ Latex Ortho
Tensile strength (min)	≥ 24 MPa <sup>1</sup>	≥ 24 MPa <sup>1</sup>	≥ 24 MPa <sup>1</sup>	≥ 24 MPa <sup>1</sup>	≥ 24 MPa <sup>1</sup>	≥ 24 MPa <sup>1</sup>	≥ 24 Mpa <sup>1</sup>
Stress at 500% elongation (modulus) (max)	≤ 5.5 MPa <sup>1</sup>	≤ 7.0 MPa <sup>1</sup>	≤ 5.5 MPa <sup>1</sup>	≤ 5.5 MPa <sup>1</sup>	≤ 5.5 MPa <sup>1</sup>	≤ 5.5 MPa <sup>1</sup>	≤ 5.5 Mpa <sup>1</sup>
Ultimate elongation (elasticity) (min)	≥ 750% <sup>1</sup>	≥ 650% <sup>1</sup>	≥ 750% <sup>1</sup>	≥ 750% <sup>1</sup>	≥ 750% <sup>1</sup>	≥ 750% <sup>1</sup>	≥ 750% <sup>1</sup>
Puncture resistance (cuff) <sup>2</sup>	AV ≥ 5	AV ≥ 5	AV ≥ 5	AV ≥ 5	AV ≥ 5	AV ≥ 5	AV ≥ 5
Freedom from holes <sup>3</sup>	0.65 AQL <sup>1</sup>	0.65 AQL <sup>1</sup>	0.65 AQL <sup>1</sup>	0.65 AQL <sup>1</sup>	0.65 AQL <sup>1</sup>	0.65 AQL <sup>1</sup>	0.65 AQL <sup>1</sup>
Sterilization	Radiation	Radiation	Radiation	Radiation	Radiation	Radiation	Radiation
Accelerant	ZDBC (Zinc Dibutyldithiocarbamate)						

1. In accordance with ASTM D 3577
2. Tested in accordance with AS/NZS 4179, min 5 N
3. Tested in accordance with ASTM D 5151

# Chemotherapy agent permeation testing

All gloves listed below meet the requirements described in USP <800>, including being powder-free and meeting ASTM Standard D6978 testing for chemotherapy drug permeation.

Agent	Minimum breakthrough detection time in minutes (0.01 µg/cm <sup>2</sup> /minute)			
	Protexis™ PI <sup>1</sup>	Protexis™ Neoprene <sup>2</sup>	Protexis™ Neoprene Essential <sup>2</sup>	Protexis™ PI Blue with Neu-Thera™ <sup>1</sup>
Carmustine (3.3 mg/mL)	15.26	28.2	24.6	18.5
Cisplatin (1.0 mg/mL)	> 240	> 240	> 240	> 240
Cyclophosphamide (20 mg/mL)	> 240	> 240	> 240	> 240
Doxorubicin HCL (2.0 mg/mL)	> 240	> 240	> 240	> 240
Etoposide (20 mg/mL)	> 240	> 240	> 240	> 240
Fluorouracil (50 mg/mL)	> 240	> 240	> 240	> 240
Ifosfamide (50 mg/mL)	> 240	Not tested	Not tested	Not tested
Methotrexate (25 mg/mL)	> 240	> 240	> 240	> 240
Mitomycin C (0.5 mg/mL)	> 240	Not tested	> 240	> 240
Mitoxantrone (2 mg/mL)	> 240	Not tested	Not tested	Not tested
Paclitaxel (6.0 mg/mL)	> 240	> 240	> 240	> 240
ThioTEPA (10 mg/mL)	16.04	48.9	83.1	24.4
Vincristine Sulfate (1.0 mg/mL)	> 240	> 240	> 240	> 240

## Permeation times differ for gloves sterilized using gamma radiation

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



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.

These gloves have been tested for resistance to permeation of various chemotherapy drugs per ASTM D 6978, "Standard Practice for Assessment of Resistance of Medical Gloves to Permeation by Chemotherapy Drugs."

# Testing standards

## Global Quality Standards tested for and adhered to (results on file)

<b>ASTM D3577, EN 455-2, ISO 10282</b>	Physical dimension (length, width, palm)
<b>ASTM D3577, EN 455-2, ISO 10282</b>	Physical properties (tensile strength)
<b>ASTM D624</b>	Tear strength testing (T-tear, V-tear)
<b>AS/NZA 4179</b>	Puncture resistant testing
<b>ASTM D5151, EN 455-1, ISO 10282</b>	Freedom from holes (water-tightness)
<b>ASTM D6124, EN ISO 21171</b>	Powder residue for powder-free gloves
<b>ASTM D6124</b>	Powder amount for powdered gloves
<b>ASTM D5712</b>	Aqueous extractable protein content
<b>ASTM D6499, ASTM D3577</b>	Antigenic protein content
<b>EN 455-3</b>	Leachable protein level, modified Lowry method
<b>ASTM D7102, EN 455-3</b>	Endotoxin
<b>ASTM D7160</b>	Storage stability, accelerated aging
<b>EN 374-5/ISO 16604</b>	Storage stability, real-time aging
<b>ASTM F739, EN 16523</b>	Lab chemical permeation
<b>ASTM D6978, EN 16523</b>	Chemotherapy drug permeation (results on page 28)
<b>EN 374-5, ISO 16604</b>	Bacteriophage penetration
<b>ISO 10993-10</b>	Sensitivity testing and primary skin irritation
<b>ISO 10993-5</b>	Cytotoxicity testing
<b>ISO 10993-11</b>	Systemic Toxicity Testing (Acute)
<b>ASTM D3577</b>	Sterility test

The standards only apply as relevant to the respective product family.

## PPE required testing (results on file)

<b>EN ISO 21420</b>	Protective glove - general requirements and test method
<b>EN ISO 374-1:2016</b>	Performance requirements for chemicals risk
<b>EN 374-2:2019</b>	Resistance to penetration against dangerous chemicals and micro-organisms
<b>EN 16523-1:2015</b>	Materials resistance to permeation by chemicals
<b>EN 374-4:2019</b>	Resistance to degradation by chemicals
<b>EN ISO 374-5:2016</b>	Performance requirements for micro-organisms risk

## Internal procedures (results on file)







- Bone cement permeation
- Low-hydration conductivity
- Residue accelerator test



## Non-latex polyisoprene



This product is not made  
with natural rubber latex

	Cat. no.	Size	Length	Thickness*			Material <i>Coating in red</i>	Color	Cuff type	Chemical accelerant	Qty/ bx	Qty/ cs	
				Finger	Palm	Cuff							
	Protexis™ PI	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	1. 1, 3-Diphenylguanidine (DPG) 2. Zinc Diethyldithiocarbamate (ZDEC) 3. Zinc-2-mercaptobenzothiazole (ZMBT)	50	200
		2D72PT60X	6										
		2D72PT65X	6.5										
		2D72PT70X	7	11.8 in./ 300 mm									
		2D72PT75X	7.5										
		2D72PT80X	8										
		2D72PT85X	8.5										
		2D72PT90X	9										
	Protexis™ PI with Neu-Thera™	2D73TE55	5.5	11.3 in./ 287 mm	9.1 mil/ 0.23 mm	9.8 mil/ 0.25 mm	6.7 mil/ 0.17 mm	Synthetic polyisoprene (PI) <b>with Neu-Thera™ Emollient Coating</b>	 Cream	Beaded/ Rolled	1. 1, 3-Diphenylguanidine (DPG) 2. Zinc Diethyldithiocarbamate (ZDEC) 3. Zinc-2-mercaptobenzothiazole (ZMBT)	50	200
		2D73TE60	6										
		2D73TE65	6.5										
		2D73TE70	7	11.8 in./ 300 mm									
		2D73TE75	7.5										
		2D73TE80	8										
		2D73TE85	8.5										
		2D73TE90	9										
	Protexis™ PI Classic	2D72PL55X	5.5	11.5 in./ 292 mm	11.2 mil/ 0.29 mm	8.3 mil/ 0.21 mm	7.1 mil/ 0.18 mm	Synthetic polyisoprene (PI)	 Cream	Beaded/ Rolled	1. 1, 3-Diphenylguanidine (DPG) 2. Zinc Diethyldithiocarbamate (ZDEC) 3. Zinc-2-mercaptobenzothiazole (ZMBT)	50	200
		2D72PL60X	6										
		2D72PL65X	6.5										
		2D72PL70X	7	12 in./ 305 mm									
		2D72PL75X	7.5										
		2D72PL80X	8										
		2D72PL85X	8.5										
		2D72PL90X	9										







\*Thickness tested in accordance with ASTM D 3577



# Non-latex polyisoprene



This product is not made  
with natural rubber latex





	Cat. no.	Size	Length	Thickness*			Material <i>Coating in red</i>	Color	Cuff type	Chemical accelerant	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) <b>with Neu-Thera™ Emollient Coating</b>	 Blue	Beaded/ Rolled	1. 1, 3-Diphenylguanidine (DPG) 2. Zinc Diethyldithiocarbamate (ZDEC) 3. Zinc-2-mercaptobenzothiazole (ZMBT)	50	200
	2D73EB60	6										
	2D73EB65	6.5										
	2D73EB70	7	11.8 in./ 300 mm									
	2D73EB75	7.5										
	2D73EB80	8										
	2D73EB85	8.5										
	2D73EB90	9										
	2D73PM55	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)	 Cream	Beaded/ Rolled	1. 1, 3-Diphenylguanidine (DPG) 2. Zinc Diethyldithiocarbamate (ZDEC) 3. Zinc-2-mercaptobenzothiazole (ZMBT)	50	200
	2D73PM60	6										
	2D73PM65	6.5										
	2D73PM70	7	11.8 in./ 300 mm									
	2D73PM75	7.5										
	2D73PM80	8										
	2D73PM85	8.5										
	2D73PM90	9										
	2D73HT60	6	11.5 in./ 292 mm	13.4 mil/ 0.35 mm	10.2 mil/ 0.26 mm	8.3 mil/ 0.21 mm	Synthetic polyisoprene (PI) <b>with water-based hydrogel polymer coating</b>	 Brown	Beaded/ Rolled	1. 1, 3-Diphenylguanidine (DPG) 2. Zinc Diethyldithiocarbamate (ZDEC) 3. Zinc-2-mercaptobenzothiazole (ZMBT)	40	160
	2D73HT65	6.5										
	2D73HT70	7	12.0 in./ 305 mm									
	2D73HT75	7.5										
	2D73HT80	8										
	2D73HT85	8.5										
	2D73HT90	9										

\*Thickness tested in accordance with ASTM D 3577

# Non-latex polyisoprene



This product is not made with natural rubber latex





	Cat. no.	Size	Length	Thickness*			Material <i>Coating in red</i>	Color	Cuff type	Chemical accelerant	Qty/ bx	Qty/ cs									
				Finger	Palm	Cuff															
	Protexis™ PI Ortho	2D73ET60	6	11.5 in./ 292 mm	12.2 mil/ 0.31 mm	8.3 mil/ 0.21 mm	7.5 mil/ 0.19 mm	Synthetic polyisoprene (PI)	 Cream	Beaded/ Rolled	1. 1, 3-Diphenylguanidine (DPG) 2. Zinc Diethyldithiocarbamate (ZDEC) 3. Zinc-2-mercaptobenzothiazole (ZMBT)	40	160								
		2D73ET65	6.5																		
		2D73ET70	7	12.0 in./ 305 mm																	
		2D73ET75	7.5																		
		2D73ET80	8																		
		2D73ET85	8.5																		
		2D72LS90	9																		
	Protexis™ PI Textured	2D72TG55	5.5	11.4 in./ 292 mm	10.6 mil/ 0.28 mm	8.3 mil/ 0.21 mm	7.1 mil/ 0.18 mm	Synthetic polyisoprene (PI)	 Cream	Beaded/ Rolled	1. 1, 3-Diphenylguanidine (DPG) 2. Zinc Diethyldithiocarbamate (ZDEC) 3. Zinc-2-mercaptobenzothiazole (ZMBT)	50	200								
		2D72TG60	6																		
		2D72TG65	6.5	11.9 in./ 305 mm																	
		2D72TG70	7																		
		2D72TG75	7.5																		
		2D72TG80	8																		
		2D72TG85	8.5																		
		2D72TG90	9																		

\*Thickness tested in accordance with ASTM D 3577

# Non-latex neoprene











This product is not made  
with natural rubber latex

		Cat. no.	Size	Length	Thickness*			Material <i>Coating in red</i>	Color	Cuff type	Chemical accelerant	Qty/ bx	Qty/ cs
					Finger	Palm	Cuff						
	Protexis™ Neoprene	2D73DP55	5.5	11.1 in./ 279 mm	6.7 mil/ 0.17 mm	5.5 mil/ 0.14 mm	5.5 mil/ 0.14 mm	Synthetic neoprene with nitrile polymer	 Light Brown	Beaded/ Rolled	Zinc Dibutyldithiocarbamate (ZDBC)	50	200
		2D73DP60	6										
		2D73DP65	6.5										
		2D73DP70	7	11.7 in./ 295 mm									
		2D73DP75	7.5										
		2D73DP80	8										
		2D73DP85	8.5										
		2D73DP90	9										
	Protexis™ Neoprene Essential	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	 Light Brown	Beaded/ Rolled	Manufactured with Zinc Oxide, an alternative to traditional chemical accelerators	50	200
		2D73DS60	6										
		2D73DS65	6.5										
		2D73DS70	7	11.7 in./ 295 mm									
		2D73DS75	7.5										
		2D73DS80	8										
		2D73DS85	8.5										
		2D73DS90	9										

\*Thickness tested in accordance with ASTM D 3577

# Latex









	Cat. no.	Size	Length	Thickness*			Material <i>Coating in red</i>	Color	Cuff type	Protein content	Chemical accelerant	Qty/ bx	Qty/ cs	
				Finger	Palm	Cuff								
	Protexis™ Latex	2D72NS55X	5.5	11.1 in./ 282 mm	9.8 mil/ 0.25 mm	7.9 mil/ 0.20 mm	7.5 mil/ 0.19 mm	Natural rubber latex with nitrile polymer	 Light Brown	Beaded/ Rolled	Less than 50 µg/dm²	Zinc Dibutyldithio-carbamate (ZDBC)	50	200
		2D72NS60X	6											
		2D72NS65X	6.5											
		2D72NS70X	7	11.6 in./ 295 mm										
		2D72NS75X	7.5											
		2D72NS80X	8											
		2D72NS85X	8.5											
		2D72NS90X	9											
	Protexis™ Latex with Neu-Thera™	2D73TP55	5.5	11.1 in./ 282 mm	9.3 mil/ 0.24 mm	7.9 mil/ 0.20 mm	7.5 mil/ 0.19 mm	Natural rubber latex with nitrile polymer and Neu-Thera™ Emollient Coating	 Light Brown	Beaded/ Rolled	Less than 50 µg/dm²	Zinc Dibutyldithio-carbamate (ZDBC)	50	200
		2D73TP60	6											
		2D73TP65	6.5											
		2D73TP70	7	11.7 in./ 295 mm										
		2D73TP75	7.5											
		2D73TP80	8											
		2D73TP85	8.5											
		2D73TP90	9											
	Protexis™ Latex Classic	2D72N55X	5.5	11.5 in./ 292 mm	9.8 mil/ 0.25 mm	7.9 mil/ 0.20 mm	7.5 mil/ 0.19 mm	Natural rubber latex with nitrile polymer	 Cream	Beaded/ Rolled	Less than 50 µg/dm²	Zinc Dibutyldithio-carbamate (ZDBC)	50	200
		2D72N60X	6											
		2D72N65X	6.5											
		2D72N70X	7	12 in./ 305 mm										
		2D72N75X	7.5											
		2D72N80X	8											
		2D72N85X	8.5											
		2D72N90X	9											
	Protexis™ Latex Hyrdogel	2D72LS55	5.5	11.5 in./ 292 mm	9.8 mil/ 0.29 mm	9.1 mil/ 0.14 mm	7.1 mil/ 0.14 mm	Natural rubber latex with acrylic hydrogel polymer	 Translucent Yellow	Beaded/ Rolled	Less than 50 µg/dm²	Zinc Dibutyldithio-carbamate (ZDBC)	50	200
		2D72LS60	6											
		2D72LS65	6.5											
		2D72LS70	7	12 in./ 305 mm										
		2D72LS75	7.5											
		2D72LS80	8											
		2D72LS85	8.5											
		2D72LS90	9											

\*Thickness tested in accordance with ASTM D 3577

## Latex



	Cat. no.	Size	Length	Thickness*			Material <i>Coating in red</i>	Color	Cuff type	Protein content	Chemical accelerant	Qty/ bx	Qty/ cs
				Finger	Palm	Cuff							
 Protexis™ Latex Blue with Neu-Thera™	2D72LU55	5.5	11.1 in./ 282 mm	7.87 mil/ 0.19 mm	5.5 mil/ 0.14 mm	5.5 mil/ 0.14 mm	Natural rubber latex <b>with nitrile polymer and Neu-Thera™ Emollient Coating</b>	 Blue	Beaded/ Rolled	Less than 50 µg/dm²	Zinc Dibutyldithio- carbamate (ZDBC)	50	200
	2D72LU60	6											
	2D72LU65	6.5											
	2D72LU70	7	11.6 in./ 295 mm										
	2D72LU75	7.5											
	2D72LU80	8											
	2D72LU85	8.5											
	2D72LU90	9											
 Protexis™ Latex Micro	2D72NT55X	5.5	11.1 in./ 282 mm	6.9 mil/ 0.17 mm	5.5 mil/ 0.14 mm	5.5 mil/ 0.14 mm	Natural rubber latex <b>with nitrile polymer</b>	 Light Brown	Beaded/ Rolled	Less than 50 µg/dm²	Zinc Dibutyldithio- carbamate (ZDBC)	50	200
	2D72NT60X	6											
	2D72NT65X	6.5											
	2D72NT70X	7	11.6 in./ 295 mm										
	2D72NT75X	7.5											
	2D72NT80X	8											
	2D72NT85X	8.5											
	2D72NT90X	9											
 Protexis™ Latex Ortho	2D72LT60	6	11.1 in./ 282 mm	13.4 mil/ 0.35 mm	9.4 mil/ 0.24 mm	8.3 mil/ 0.21 mm	Natural rubber latex <b>with water-based hydrogel polymer coating</b>	 Brown	Beaded/ Rolled	Less than 50 µg/dm²	Zinc Dibutyldithio- carbamate (ZDBC)	40	160
	2D72LT65	6.5											
	2D72LT70	7	11.6 in./ 295 mm										
	2D72LT75	7.5											
	2D72LT80	8											
	2D72LT85	8.5											
	2D72LT90	9											


















\*Thickness tested in accordance with ASTM D 3577



<h1>Synthetic portfolio</h1> <h2>(Polyisoprene and neoprene)</h2>																								
 NOT MADE WITH NATURAL RUBBER LATEX																								
								Department																
								General																
								Cardiovascular																
								Dental/Maxillofacial																
								Ear, Nose and Throat (ENT)																
								Endovascular																
								Labor & Delivery																
								Laparoscopic/Robotics																
								Neuro																
								Obstetrics																
								Ophthalmology																
								Orthopedics																
								Pediatrics																
								Plastics																
								Thoracic																
								Urology																
								Vascular																
<b>Protexis™ PI Blue with Neu-Thera™</b>																								
2D73EB55-90																								
<b>Protexis™ PI Micro</b>																								
2D73PM55-90																								
<b>Protexis™ PI</b>																								
2D72PT55X-90X																								
<b>Protexis™ PI with Neu-Thera™</b>																								
2D73TE55-90																								
<b>Protexis™ PI Classic</b>																								
2D72PL55X-90X																								
<b>Protexis™ PI Orthopaedic</b>																								
2D73HT60-90																								
<b>Protexis™ PI Ortho</b>																								
2D73ET60-90																								
<b>Protexis™ PI Textured</b>																								
2D72TG55-90																								
<b>Protexis™ Neoprene</b>																								
2D73DP55-90																								
<b>Protexis™ Neoprene Essential*</b>																								
2D73DS55-90																								

\* Uses a specific formulation of zinc oxide during the curing process as an alternative to traditional chemical accelerators

§ Meets the ASTM F739 standard – When chemical drugs are present, gloves selection should be based on the specific type(s) of chemicals used. Users are recommended to review drug labeling or material safety data sheets for the chemicals being used to determine an adequate level of protection.

Key			
Glove thickness level			
Ranges from finger and palm thickness	thin (0.14-0.20 mm)		
	standard (0.20-0.28 mm)		
	thick (0.24-0.34 mm)		
Grip levels			
	Smooth		
	Moderate		
	High		
	Highest		
Texture			
	Non-textured		
	Textured		
Moisture coating			
For easier donning, wet or dry	Neu-Thera™ emollient coating for hand health		
	Triple dip nitrile coating for strength		
	Hydrogel coating		
Glove style			
	Standard		
	Underglove		
Alternative chemical accelerator*			
Chemotherapy agent permeation testing†			
Chemical agent permeation testing‡			

# Latex portfolio




















**Caution:** This product contains natural rubber latex which may cause allergic reactions.

**Caution:** Safe use of these gloves by latex sensitized individuals has not been established

[illegible]

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

Key		
Glove thickness level		
Ranges from finger and palm thickness	thin (0.14-0.20 mm)	
	standard (0.20-0.28 mm)	
	thick (0.24-0.34 mm)	
Grip levels	Smooth	
	Moderate	
	High	
	Highest	
Texture	Non-textured	
	Textured	
Moisture coating		
For easier donning, wet or dry	Neu-Thera™ emollient coating for hand health	
	Triple dip nitrile coating for strength	
	Hydrogel coating	
Glove style	Standard	
	Underglove	
Alternative chemical accelerator*		
Chemotherapy agent permeation testing†		
Chemical agent permeation testing‡		

\* Uses a specific formulation of zinc oxide during the curing process as an alternative to traditional chemical accelerators

† Meets the ASTM D 6978 standard – When chemotherapy drugs are present, gloves selection should be based on the specific type(s) of chemicals used. Users are recommended to review drug labeling or material safety data sheets for the chemicals being used to determine an adequate level of protection.

§ Meets the ASTM F739 standard – When chemical drugs are present, gloves selection should be based on the specific type(s) of chemicals used. Users are recommended to review drug labeling or material safety data sheets for the chemicals being used to determine an adequate level of protection.





# Protect what matters



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