

## Hand Care Solutions – Surgical

For more information, contact your Cardinal Health sales representative, call Customer Service at 800.964.5227, or visit us at [cardinalhealth.com/gloves](http://cardinalhealth.com/gloves)

© 2009 Cardinal Health, Inc. or one of its subsidiaries. All rights reserved. Duraprene, Essential to care, Esteem, Instra-Clean, Neu-Thera, Protegrity, Triflex and Ultrafree are trademarks or registered trademarks of Cardinal Health, Inc. or one of its subsidiaries. All other trademarks are the respective property of their owners.  
Lit. No. 2GLV0926-01 (9/09)

Cardinal Health  
Hand Care Solutions  
1500 Waukegan Road  
McGaw Park, IL 60085

[cardinalhealth.com/gloves](http://cardinalhealth.com/gloves)



# Innovative solutions to meet your surgical gloving needs

Hand Care Solutions – Surgical



**CardinalHealth**

*Essential to care™*





## Quality, innovation and choice

Headquartered in Dublin, Ohio, Cardinal Health, Inc. (NYSE: CAH) is an \$87 billion company that improves the cost-effectiveness and quality of health care. Cardinal Health helps pharmacies, hospitals and ambulatory care sites focus on patient care while reducing costs, improving efficiency and increasing profitability. As one of the largest suppliers of pharmaceuticals and medical products in the world, Cardinal Health is an essential link in the health care supply chain, and is also a leading manufacturer of medical and surgical products, including gloves, surgical apparel and fluid management products. In addition, the company supports the growing diagnostic industry by supplying medical products to clinical laboratories and operating the nation's largest network of radiopharmacies that dispense products to aid in the early diagnosis and treatment of disease. Ranked No. 18 on the Fortune 500, Cardinal Health employs more than 30,000 people worldwide. More information about the company may be found at [www.cardinalhealth.com](http://www.cardinalhealth.com).

Cardinal Health has been a global manufacturer of medical gloves for over 40 years and is a market leader for both surgical and examination gloves. We offer products that are essential to care — customer-driven products and services that improve performance while providing protection. Our growth has been the result of significant focus and commitment to developing and marketing innovative gloving solutions for healthcare providers. We are focused on providing excellent product selection and service to our customers.

### 2 Surgical Gloves

- 3 Surgical Gloves with Neu-Thera®
- 6 Polyisoprene
- 9 Neoprene
- 10 Latex

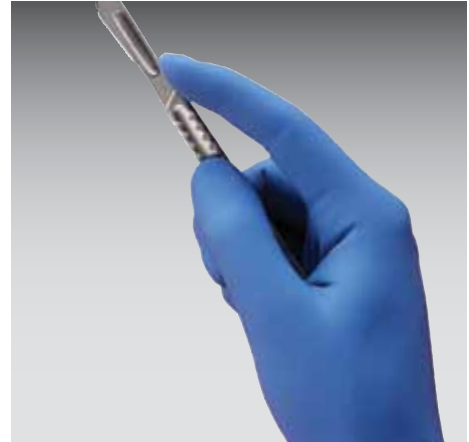
### 14 Appendix

- 15 Quality you can depend on
- 16 Synthetic Glove Material Facts
- 17 Surgical Glove Quick Reference Guide
- 20 Terms and Conditions of Sale

# Surgical Gloves

## Highlights of our surgical glove breakthroughs:

- The leader in natural rubber latex and synthetic formulations and coatings technology.
- Introduced Esteem® powder-free synthetic polyisoprene surgical gloves – the industry's only polyisoprene surgical glove that truly emulates natural rubber latex in terms of fit, feel and performance. Esteem® latex-free surgical gloves provide the benefits of natural rubber latex gloves without the risk of natural rubber latex protein allergens.
- Developed Neu-Thera® emollient coating technology for surgical gloves – clinically proven to soothe, protect, moisturize and restore your skin.
- Developed Esteem® Blue powder-free synthetic polyisoprene surgical gloves with Neu-Thera® emollient coating. Whether used alone or as part of a double-gloving initiative, these gloves provide excellent comfort, fit and feel.
- Introduced the world's first triple-dipped coated, powder-free surgical glove.



**Esteem® Blue with Neu-Thera®**



**Protegrity® with Neu-Thera®**

# Surgical Gloves with Neu-Thera®

Cardinal Health has developed a line of surgical gloves featuring our proprietary Neu-Thera® emollient coating. Designed for and tested by healthcare professionals, these gloves are clinically proven to do more than just moisturize – they improve the health of your skin.

The ingredients in our Neu-Thera® emollient coating were chosen for their unique ability to **protect, restore, moisturize and soothe.**

## **Glycerin/Glycerine/Glycerol**

- One of the most beneficial natural moisturizers available
- Helps minimize skin dryness by moisturizing and plasticizing the stratum corneum

## **Provitamin B5/Panthenol**

- Improves and increases skin moisture
- Restores skin softness and elasticity
- Helps restore minor wounds by stimulating the proliferation of cells
- Soothes irritated skin

## **Gluconolactone**

- Known to minimize skin flakiness and restore skin smoothness
- Second-generation alpha hydroxy acid (AHA) that has less irritating properties than basic AHAs



## **The CDC: Dermatitis and Hygiene Compliance**

Skin irritation is a very common complaint among people working in all areas of the healthcare industry. Virtually everyone has experienced this issue at one time or another:

- More than 4 out of 5 nurses reported a history of skin problems\*
- 1 in 4 nurses reported symptoms or signs of dermatitis at the time of the study\*

In October 2002, the Centers for Disease Control issued the **Guideline for Hand Hygiene in Healthcare Settings.**

Its goal was to **improve the hand hygiene practices of healthcare workers and to reduce the transmission of pathogenic microorganisms to patients and personnel in healthcare settings.**

One of the recommendations for improving compliance with Hand Hygiene Guidelines was to provide healthcare workers with hand lotions or creams to minimize the occurrence of irritant contact dermatitis associated with hand antisepsis or hand washing. This is very important in the prevention of nosocomial (healthcare-associated) infections, as skin shedding due to dryness is a significant concern in the transmission of pathogenic organisms.

**Neu-Thera® emollient coating provides a convenient and effective way to improve the skin of caregivers and encourage compliance with all hand washing and surgical hand antisepsis guidelines.**

\* Larson, E. et al. "Prevalence and correlates of skin damage on the hands of nurses." *Heart & Lung*, 26(5) Sep. 1997 404-412.

# Surgical Gloves with Neu-Thera®

## Esteem® with Neu-Thera®

### Sterile Polyisoprene Powder-Free Surgical Gloves with Emollient Coating

Esteem® surgical gloves with Neu-Thera® emollient coating are clinically proven to protect, restore, moisturize and soothe your hands.

#### Features and Benefits

- Unique polyisoprene formulation provides the fit, feel and performance of natural rubber latex without natural rubber latex protein allergens
- Neu-Thera® emollient coating protects, restores, moisturizes and soothes your skin during wear
- Surface Modification Technology (SMT) — a proprietary manufacturing technique that delivers a smooth finish for a light feel and smooth grip
- Strength and flexibility exceed the ASTM D3577 and EN 455-2 standards for physical properties (“Standard Specification for Rubber Surgical Gloves”) for synthetic surgical gloves

#### Glove Properties

- Material: Latex-free polyisoprene gloves with Neu-Thera® emollient coating
- Powder-free
- Nominal fingertip thickness: 9.5 mil (0.24mm)
- Nominal length: 12 in (305mm)
- Color: Cream
- Triplane mold – wider palm, shorter fingers and independent thumb for a natural, anatomical fit
- Interlocking, beaded cuff resists glove rolldown

#### Ordering Information

Size	Cat. No.
5½	2D73TE55
6	2D73TE60
6½	2D73TE65
7	2D73TE70
7½	2D73TE75
8	2D73TE80
8½	2D73TE85
9	2D73TE90

50 pairs/box, 4 boxes/case

Latex-free – These gloves are produced with a synthetic formulation that does not contain natural rubber latex.

## Esteem® Blue with Neu-Thera®

### Sterile Polyisoprene Powder-Free Surgical Gloves with Emollient Coating

The smooth-as-silk finish of these gloves allows for easy, comfortable donning when worn stand alone or as an underglove in a double-gloving environment. The Neu-Thera® emollient coating is applied to the interior of the gloves to aid in skin wellness and hand hygiene.

#### Features and Benefits

- Smooth grip ensures effortless outer glove donning ability
- Superior tactile sensitivity
- Blue color ensures easy identification
- Unique polyisoprene formulation provides the fit, feel and performance of natural rubber latex without natural rubber latex protein allergens
- Neu-Thera® emollient coating protects, restores, moisturizes and soothes your skin during wear
- Supports compliance with AORN’s Recommended Practices for Prevention of Transmissible Infections in the Perioperative Practice Setting, RP IV, “Health care practitioners should double-glove during invasive procedures”

#### Glove Properties

- Material: Latex-free polyisoprene with Neu-Thera® emollient coating
- Powder-free
- Nominal fingertip thickness: 7.9 mil (0.20mm)
- Nominal length: 12 in (305mm)
- Color: Blue
- Designed for use as a colored underglove when double-gloving
- Triplane mold – wider palm, shorter fingers and independent thumb for a natural, anatomical fit
- Interlocking, beaded cuff resists glove rolldown

#### Ordering Information

Size	Cat. No.
5½	2D73EB55
6	2D73EB60
6½	2D73EB65
7	2D73EB70
7½	2D73EB75
8	2D73EB80
8½	2D73EB85
9	2D73EB90

50 pairs/box, 4 boxes/case

Latex-free – These gloves are produced with a synthetic formulation that does not contain natural rubber latex.

Available to order - Fall 2009.

# Surgical Gloves with Neu-Thera®

## Protegrity® with Neu-Thera®

### Sterile Latex Powder-Free Surgical Gloves with Nitrile and Emollient Coatings

Protegrity® surgical gloves with Neu-Thera® emollient coating are designed to promote skin wellness and hand hygiene.

#### Features and Benefits

- Neu-Thera® emollient coating protects, restores, moisturizes and soothes your skin during wear
- Manufactured with Surface Modification Technology (SMT) for a softer, smoother glove finish
- Standard thickness
- Triple-dip coating technology integrates nitrile and latex for effortless donning and glove strength
- Low-protein formulation<sup>2</sup>

#### Glove Properties

- Material: Natural rubber latex with nitrile and Neu-Thera® emollient coatings<sup>1</sup>
- Powder-free
- Nominal fingertip thickness: 9.8 mil (0.25mm)
- Nominal length: 12 in (305mm)
- Color: Light brown
- Contains 50 µg or less of total water-extractable protein per square decimeter<sup>2</sup>
- Triplane mold – wider palm, shorter fingers and independent thumb for a natural, anatomical fit
- Interlocking, beaded cuff resists glove rolldown

<sup>1</sup>Caution: This product contains natural rubber latex which may cause allergic reactions.

<sup>2</sup>Caution: Safe use of these gloves by or on latex-sensitive individuals has not been established.

#### Ordering Information

Size	Cat. No.
5½	2D73TP55
6	2D73TP60
6½	2D73TP65
7	2D73TP70
7½	2D73TP75
8	2D73TP80
8½	2D73TP85
9	2D73TP90

50 pairs/box, 4 boxes/case

For more information, contact your Cardinal Health sales representative, call customer service at 800.964.5227, or visit us at [cardinalhealth.com/gloves](http://cardinalhealth.com/gloves)

# Surgical Gloves – Polyisoprene

## Esteem® with Neu-Thera®

### Sterile Polyisoprene Powder-Free Surgical Gloves with Emollient Coating

Esteem® surgical gloves with Neu-Thera® emollient coating are clinically proved to protect, restore, moisturize and soothe your hands.

#### Features and Benefits

- Unique polyisoprene formulation provides the fit, feel and performance of natural rubber latex without natural rubber latex protein allergens
- Neu-Thera® emollient coating provides a convenient and effective way to improve skin health and encourage compliance with all hand washing and surgical hand antisepsis guidelines
- Surface Modification Technology (SMT) — a proprietary manufacturing technique that delivers a smooth finish for a light feel and smooth grip
- Strength and flexibility exceeds the ASTM D3577 and EN 455-2 standards for physical properties (“Standard Specification for Rubber Surgical Gloves”) for synthetic surgical gloves

#### Glove Properties

- Material: Latex-free polyisoprene with Neu-Thera® emollient coating
- Powder-free
- Nominal fingertip thickness: 9.5 mil (0.24mm)
- Nominal length: 12 in (305mm)
- Color: Cream
- Triplane mold – wider palm, shorter fingers and independent thumb for a natural, anatomical fit
- Interlocking, beaded cuff resists glove rolldown

#### Ordering Information

Size	Cat. No.
5½	2D73TE55
6	2D73TE60
6½	2D73TE65
7	2D73TE70
7½	2D73TE75
8	2D73TE80
8½	2D73TE85
9	2D73TE90

50 pairs/box, 4 boxes/case

Latex-free – These gloves are produced with a synthetic formulation that does not contain natural rubber latex.

## Esteem® Blue with Neu-Thera®

### Sterile Polyisoprene Powder-Free Surgical Gloves with Emollient Coating

The smooth-as-silk finish of these gloves allows for easy, comfortable donning when worn stand alone or as an underglove in a double-gloving environment. The Neu-Thera® emollient coating is applied to the interior of the gloves to aid in skin wellness and hand hygiene.

#### Features and Benefits

- Smooth grip ensures effortless outer glove donning ability
- Superior tactile sensitivity
- Blue color ensures easy identification
- Unique polyisoprene formulation provides the fit, feel and performance of latex without natural rubber latex without natural rubber latex protein allergens
- Neu-Thera® emollient coating protects, restores, moisturizes and soothes your skin during wear
- Supports compliance with AORN’s Recommended Practices for Prevention of Transmissible Infections in the Perioperative Practice Setting, RP IV, “Health care practitioners should double-glove during invasive procedures”

#### Glove Properties

- Material: Latex-free polyisoprene with Neu-Thera® emollient coating
- Powder-free
- Nominal fingertip thickness: 7.9 mil (0.20mm)
- Nominal length: 12 in (305mm)
- Color: Blue
- Designed for use as a colored underglove when double-gloving
- Triplane mold – wider palm, shorter fingers and independent thumb for a natural, anatomical fit
- Interlocking, beaded cuff resists glove rolldown

#### Ordering Information

Size	Cat. No.
5½	2D73EB55
6	2D73EB60
6½	2D73EB65
7	2D73EB70
7½	2D73EB75
8	2D73EB80
8½	2D73EB85
9	2D73EB90

50 pairs/box, 4 boxes/case

Latex-free – These gloves are produced with a synthetic formulation that does not contain natural rubber latex.

Available to order - Fall 2009.

# Surgical Gloves – Polyisoprene

## Esteem® Micro

### Sterile Polyisoprene Powder-Free Surgical Gloves

Designed for procedures that require a more refined touch, Esteem® Micro gloves offer enhanced tactility, a reliable grip and the freedom from natural rubber latex protein allergens.

#### Features and Benefits

- Outstanding comfort due to a reduced modulus
- Thinner (20%) than Esteem® SMT for excellent tactile sensitivity
- Unique polyisoprene formulation provides fit, feel and performance of latex without natural rubber latex protein allergens
- Excellent choice as an outer glove when double gloving

#### Glove Properties

- Material: Latex-free polyisoprene
- Powder-free
- Nominal fingertip thickness: 7.9 mil (0.20mm)
- Nominal length: 12 in (305mm)
- Color: Cream
- Triplane mold – wider palm, shorter fingers and independent thumb for a natural, anatomical fit
- Interlocking, beaded cuff resists glove rolldown

#### Ordering Information

Size	Cat. No.
5½	2D73PM55
6	2D73PM60
6½	2D73PM65
7	2D73PM70
7½	2D73PM75
8	2D73PM80
8½	2D73PM85
9	2D73PM90

50 pairs/box, 4 boxes/case

Latex-free – These gloves are produced with a synthetic formulation that does not contain natural rubber latex.

## Esteem® SMT

### Sterile Polyisoprene Powder-Free Surgical Gloves

Esteem® SMT surgical gloves deliver enhanced comfort, fit and feel without the worry of natural rubber latex protein allergens.

#### Features and Benefits

- Unique polyisoprene formulation provides the fit, feel and performance of latex without natural rubber latex protein allergens
- Surface Modification Technology (SMT) — a proprietary manufacturing technique that delivers a smooth finish for a light feel and smooth grip
- Strength and flexibility exceed the ASTM D3577 and EN 455-2 standards for physical properties (“Standard Specification for Rubber Surgical Gloves”) for synthetic surgical gloves

#### Glove Properties

- Material: Latex-free polyisoprene
- Powder-free
- Nominal fingertip thickness: 9.5 mil (0.24mm)
- Nominal length: 12 in (305mm)
- Color: Cream
- Triplane mold – wider palm, shorter fingers and independent thumb for a natural, anatomical fit
- Interlocking, beaded cuff resists glove rolldown

#### Ordering Information

Size	Cat. No.
5½	2D72PT55
6	2D72PT60
6½	2D72PT65
7	2D72PT70
7½	2D72PT75
8	2D72PT80
8½	2D72PT85
9	2D72PT90

40 pairs/box, 5 boxes/case

Latex-free – These gloves are produced with a synthetic formulation that does not contain natural rubber latex.

# Surgical Gloves – Polyisoprene

Esteem®

## Sterile Polyisoprene Powder-Free Surgical Gloves

Esteem® surgical gloves are thicker for use when additional protection is needed.

### Features and Benefits

- Thicker (15%) than Esteem® SMT for additional protection
- Unique polyisoprene formulation provides the fit, feel and performance of natural rubber latex without natural rubber latex protein allergens
- Strength and flexibility exceed the ASTM D3577 and EN 455-2 standards for physical properties (“Standard Specification for Rubber Surgical Gloves”) for synthetic surgical gloves

### Glove Properties

- Material: Latex-free polyisoprene
- Powder-free
- Nominal fingertip thickness: 11.0 mil (0.28mm)
- Nominal length: 12 in (305mm)
- Color: Cream
- Triplane mold – wider palm, shorter fingers and independent thumb for a natural, anatomical fit
- Interlocking, beaded cuff resists glove rolldown

### Ordering Information

Size	Cat. No.
5½	2D72PL55
6	2D72PL60
6½	2D72PL65
7	2D72PL70
7½	2D72PL75
8	2D72PL80
8½	2D72PL85
9	2D72PL90

40 pairs/box, 5 boxes/case

Latex-free – These gloves are produced with a synthetic formulation that does not contain natural rubber latex.

# Surgical Gloves – Neoprene

## Duraprene™ SMT

### Sterile Neoprene Powder-Free Surgical Gloves with Nitrile Coating

Duraprene™ SMT surgical gloves are produced with an innovative triple-dip coating technology that integrates nitrile and neoprene to provide effortless donning, durability and barrier protection you can trust.

#### Features and Benefits

- Triple-dip coating technology integrates nitrile and neoprene for protection and durability
- Surface modification technology (SMT) delivers a smooth finish for a light feel and smooth grip

#### Glove Properties

- Material: Latex-free neoprene with nitrile coating
- Powder-free
- Nominal fingertip thickness: 9.1 mil (0.23mm)
- Nominal length: 12 in (305mm)
- Color: Light brown
- Triplane mold – wider palm, shorter fingers and independent thumb for a natural, anatomical fit
- Interlocking, beaded cuff resists glove rolldown

#### Ordering Information

Size	Cat. No.
5½	2D72PN55
6	2D72PN60
6½	2D72PN65
7	2D72PN70
7½	2D72PN75
8	2D72PN80
8½	2D72PN85
9	2D72PN90

40 pairs/box, 5 boxes/case

Latex-free – These gloves are produced with a synthetic formulation that does not contain natural rubber latex.

# Surgical Gloves – Latex

## Protegrity® with Neu-Thera®

### Sterile Latex Powder-Free Surgical Gloves with Nitrile and Emollient Coatings

Protegrity® surgical gloves with Neu-Thera® emollient coating are designed to promote skin wellness and hand hygiene.

#### Features and Benefits

- Neu-Thera® emollient coating protects, restores, moisturizes and soothes your skin during wear
- Manufactured with Surface Modification Technology (SMT) for a softer, smoother glove finish
- Standard thickness
- Triple-dip coating technology integrates nitrile and latex for effortless donning and glove strength
- Low-protein formulation<sup>2</sup>

#### Glove Properties

- Material: Natural rubber latex with nitrile and Neu-Thera® emollient coatings<sup>1</sup>
- Powder-free
- Nominal fingertip thickness: 9.8 mil (0.25mm)
- Nominal length: 12 in (305mm)
- Color: Light brown
- Contains 50 µg or less of total water-extractable protein per square decimeter<sup>2</sup>
- Triplane mold – wider palm, shorter fingers and independent thumb for a natural, anatomical fit
- Interlocking, beaded cuff resists glove rolldown

<sup>1</sup>Caution: This product contains natural rubber latex which may cause allergic reactions.

<sup>2</sup>Caution: Safe use of these gloves by or on latex-sensitive individuals has not been established.

#### Ordering Information

Size	Cat. No.
5½	2D73TP55
6	2D73TP60
6½	2D73TP65
7	2D73TP70
7½	2D73TP75
8	2D73TP80
8½	2D73TP85
9	2D73TP90

50 pairs/box, 4 boxes/case

## Protegrity® Micro SMT

### Sterile Latex Powder-Free Surgical Gloves with Nitrile Coating

Protegrity® Micro SMT surgical gloves are 20% thinner than our standard latex surgical gloves and are designed for procedures where tactile sensitivity is the highest priority.

#### Features and Benefits

- Micro-thickness design for procedures where tactile sensitivity is the highest priority
- Manufactured with Surface Modification Technology (SMT) for a softer, smoother glove finish
- Inner coating uses our proprietary triple-dip coating technology that integrates nitrile and latex for effortless donning and glove strength
- Low-protein formulation<sup>2</sup>

#### Glove Properties

- Material: Natural rubber latex with nitrile coating<sup>1</sup>
- Powder-free
- Nominal fingertip thickness: 8.3 mil (0.21mm)
- Nominal length: 12 in (305mm)
- Color: Light brown
- Contains 50 µg or less of total water-extractable protein per square decimeter<sup>2</sup>
- Triplane mold – wider palm, shorter fingers and independent thumb for a natural, anatomical fit
- Interlocking, beaded cuff resists glove rolldown

<sup>1</sup>Caution: This product contains natural rubber latex which may cause allergic reactions.

<sup>2</sup>Caution: Safe use of these gloves by or on latex-sensitive individuals has not been established.

#### Ordering Information

Size	Cat. No.
5½	2D72NT55
6	2D72NT60
6½	2D72NT65
7	2D72NT70
7½	2D72NT75
8	2D72NT80
8½	2D72NT85
9	2D72NT90

40 pairs/box, 5 boxes/case

# Surgical Gloves – Latex

## Protegrity® SMT

### Sterile Latex Powder-Free Surgical Gloves with Nitrile Coating

Protegrity® SMT surgical gloves are manufactured with Surface Modification Technology (SMT) for a softer, smoother glove.

#### Features and Benefits

- Manufactured with Surface Modification Technology (SMT) for a softer, smoother glove finish
- Standard thickness
- Inner coating uses our proprietary triple-dip coating technology that integrates nitrile and latex for effortless donning and glove strength
- Low-protein formulation<sup>2</sup>

#### Glove Properties

- Material: Natural rubber latex with nitrile coating<sup>1</sup>
- Powder-free
- Nominal fingertip thickness: 10.2 mil (0.26mm)
- Nominal length: 12 in (305mm)
- Color: Light brown
- Contains 50 µg or less of total water-extractable protein per square decimeter<sup>2</sup>
- Triplane mold – wider palm, shorter fingers and independent thumb for a natural, anatomical fit
- Interlocking, beaded cuff resists glove rolldown

<sup>1</sup>Caution: This product contains natural rubber latex which may cause allergic reactions.

<sup>2</sup>Caution: Safe use of these gloves by or on latex-sensitive individuals has not been established.

#### Ordering Information

Size	Cat. No.
5½	2D72NS55
6	2D72NS60
6½	2D72NS65
7	2D72NS70
7½	2D72NS75
8	2D72NS80
8½	2D72NS85
9	2D72NS90

40 pairs/box, 5 boxes/case

## Protegrity®

### Sterile Latex Powder-Free Surgical Gloves with Nitrile Coating

Protegrity® latex surgical gloves deliver outstanding protection, an exceptional fit and a precise grip.

#### Features and Benefits

- Smooth, anti-slip finish
- Standard thickness
- Inner coating uses our proprietary triple-dip technology that integrates nitrile and latex for effortless donning and glove strength
- Low-protein formulation<sup>2</sup>

#### Glove Properties

- Material: Natural rubber latex with nitrile coating<sup>1</sup>
- Powder-free
- Nominal fingertip thickness: 10.2 mil (0.26mm)
- Nominal length: 12 in (305mm)
- Color: Cream
- Contains 50 µg or less of total water-extractable protein per square decimeter<sup>2</sup>
- Triplane mold – wider palm, shorter fingers and independent thumb for a natural, anatomical fit
- Interlocking, beaded cuff resists glove rolldown

<sup>1</sup>Caution: This product contains natural rubber latex which may cause allergic reactions.

<sup>2</sup>Caution: Safe use of these gloves by or on latex-sensitive individuals has not been established.

#### Ordering Information

Size	Cat. No.
5½	2D72N01
6	2D72N11
6½	2D72N21
7	2D72N31
7½	2D72N41
8	2D72N51
8½	2D72N61
9	2D72N71

40 pairs/box, 5 boxes/case

# Surgical Gloves – Latex

## Triflex® Select

### Sterile Latex Powder-Free Surgical Gloves

Triflex® Select surgical gloves are an economical, powder-free latex solution when transitioning from powdered to powder-free gloves in the surgical suite.

#### Features and Benefits

- Powderless manufacturing operation—powder NOT included in the production process
- Nonchlorinated—chlorination step eliminated, resulting in a more consistent glove in terms of color, texture and grip
- Smooth, anti-slip finish
- Standard thickness
- Low-protein formulation<sup>2</sup>
- Inner polymer coating for effortless donning

#### Glove Properties

- Material: Natural rubber latex<sup>1</sup>
- Powder-free
- Nominal fingertip thickness: 8.7 mil (0.22mm)
- Nominal length: 12 in (305mm)
- Color: Cream
- Triplane mold – wider palm, shorter fingers and independent thumb for a natural, anatomical fit
- Interlocking, beaded cuff resists glove rolldown

<sup>1</sup>Caution: This product contains natural rubber latex which may cause allergic reactions.

<sup>2</sup>Caution: Safe use of these gloves by or on latex-sensitive individuals has not been established.

#### Ordering Information

Size	Cat. No.
5½	2D72TS55
6	2D72TS60
6½	2D72TS65
7	2D72TS70
7½	2D72TS75
8	2D72TS80
8½	2D72TS85
9	2D72TS90

50 pairs/box, 4 boxes/case

## Ultrafree™ Max

### Sterile Latex Powder-Free Surgical Gloves

Ultrafree™ Max gloves, which are 20% thicker than standard latex surgical gloves, provide extra protection while maintaining comfort and tactile sensitivity.

#### Features and Benefits

- Smooth, anti-slip finish
- Glove thickness provides enhanced protection during high-risk, trauma and reconstructive procedures
- Low-protein formulation<sup>2</sup>
- Inner polymer coating allows for easy donning
- Dark brown color reduces glare

#### Glove Properties

- Material: Natural rubber latex<sup>1</sup>
- Powder-free
- Nominal fingertip thickness: 12.2 mil (0.31mm)
- Nominal length: 12 in (305mm)
- Color: Brown
- Contains 50 µg or less of total water-extractable protein per square decimeter<sup>2</sup>
- Triplane mold – wider palm, shorter fingers and independent thumb for a natural, anatomical fit
- Interlocking, beaded cuff resists glove rolldown

<sup>1</sup>Caution: This product contains natural rubber latex which may cause allergic reactions.

<sup>2</sup>Caution: Safe use of these gloves by or on latex-sensitive individuals has not been established.

#### Ordering Information

Size	Cat. No.
5½	2D7290I
6	2D7291I
6½	2D7292I
7	2D7293I
7½	2D7294I
8	2D7295I
8½	2D7296I
9	2D7297I

40 pairs/box, 5 boxes/case

# Surgical Gloves – Latex

## Triflex®

### Sterile Latex Powdered Surgical Gloves

#### Features and Benefits

- Smooth, anti-slip finish
- Standard thickness

#### Glove Properties

- Material: Natural rubber latex<sup>1</sup>
- Powdered
- Nominal fingertip thickness: 10.4 mil (0.26mm)
- Nominal length: 12 in (305mm)
- Color: Cream
- Interlocking, beaded cuff resists glove rolldown

<sup>1</sup>Caution: This product contains natural rubber latex which may cause allergic reactions.

#### Ordering Information

Size	Cat. No.
5½	2D7250
6	2D7251
6½	2D7252
7	2D7253
7½	2D7254
8	2D7255
8½	2D7256
9	2D7257

40 pairs/box, 5 boxes/case

## Triflex® Orthopedic

### Sterile Latex Powdered Surgical Gloves

#### Features and Benefits

- Smooth, anti-slip finish
- Glove thickness provides enhanced protection during high-risk, trauma and reconstructive procedures
- Brown color reduces glare

#### Glove Properties

- Material: Natural rubber latex<sup>1</sup>
- Powdered
- Nominal fingertip thickness: 13.4 mil (0.34mm)
- Nominal length: 12 in (305mm)
- Color: Brown
- Triplane mold – wider palm, shorter fingers and independent thumb for a natural, anatomical fit
- Interlocking, beaded cuff resists glove rolldown

<sup>1</sup>Caution: This product contains natural rubber latex which may cause allergic reactions.

#### Ordering Information

Size	Cat. No.
6	2D7281
6½	2D7282
7	2D7283
7½	2D7284
8	2D7285
8½	2D7286
9	2D7287

40 pairs/box, 5 boxes/case



## Quality you can depend on

### Commitment to Medical-Device Industry and Technological Issues

Cardinal Health has extensive experience in glove manufacturing and quality management.

- Scientific engineering personnel are dedicated to glove research and development in the U.S., Thailand and Malaysia.
- Cardinal Health has established relationships with key thought leaders, such as the Rubber Research Institute of Malaysia, the Malaysian Institute of Nuclear Technology and the University of Science, Malaysia in order to incorporate leading-edge technologies.
- Members of Gloves Technical Operations and the Research and Development team are active participants in ASTM International and other industry standards organizations that, along with the FDA, develop technically competent standards.

### ASTM International

ASTM International is one of the largest voluntary standards development organizations in the world and a trusted source for technical standards for materials, products, systems and services. Known for their high technical quality and market relevancy, ASTM International standards have an important role in the information infrastructure that guides design, manufacturing and trade in the global economy.

Additional information on ASTM can be found at: [www.astm.org](http://www.astm.org).

Cardinal Health surgical gloves meet and exceed ASTM specification for physical dimensions and properties per ASTM D3577, "Standard Specification for Rubber Surgical Gloves".

### Barrier Protection

Cardinal Health utilizes Statistical Process Controls (SPC) and Lean Six Sigma (LSS) methodologies to monitor and control manufacturing process variations in order to achieve sustainable quality output and performance.

All gloves must meet a certain Acceptable Quality Level (AQL) as established by the Food and Drug Administration (FDA). This refers to their freedom from holes and their subsequent level of barrier protection. Gloves with a lower actual AQL will have fewer barrier defects. The internal requirements of Cardinal Health are significantly more stringent than FDA and ASTM requirements.

Gloves are statistically sampled and tested per ASTM International Standard Method D5151, "Standard Test Method for Detection of Holes in Medical Gloves," the 1000mL water-leak test.

	FDA Surgical (2008)	ASTM D3577	Cardinal Health
AQL Limit	1.5	1.5	1.0

### Bacteriophage Penetration

All Cardinal Health surgical gloves pass ASTM F1671, "Standard Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Blood-Borne Pathogens Using Phi-X174 Bacteriophage as a Test System." This method has been specifically defined for modeling the viral penetration of Hepatitis (B and C) and Human Immunodeficiency Viruses transmitted in blood and potentially infectious body fluids. It assesses the effectiveness of materials used in protective clothing for protecting the wearer against contact with bloodborne pathogens using a surrogate microbe suspended in simulated body fluid under conditions of continuous contact. The outcome is either "pass" or "fail." Cardinal Health tests a statistically significant sample size of 32 gloves instead of the 3 called for in the ASTM method.

# Appendix

## Synthetic Glove Material Facts

Today, healthcare decision makers must look beyond product purchase cost and include outcomes for patients, healthcare workers and the institution in the cost analyses. Workers' compensation costs, labor issues, indirect costs, glove standardization and improved utilization are all important considerations in making the decision to switch to synthetic medical gloves.

Due to advances in polymer science, there are a number of good synthetic polymers used today in medical gloves. The key is using the appropriate type of glove for the task at hand.

### **Polyisoprene**

The properties of synthetic polyisoprene are nearly identical to those of natural rubber latex. The synthetic polymers are alternatives to the natural product and are often preferred because of their greater uniformity and consistency. Because of its nearly identical molecular structure, synthetic polyisoprene can provide the advantages of natural rubber latex (NRL) without the associated protein allergens.

### **Neoprene**

Neoprene was the first synthetic rubber developed in the United States. This generic term denotes the rubber-like polymers and copolymers of chloroprene. Gloves made from chloroprene have inherently high tensile strength, elongation and wear properties; however, they have less comfort and tactility.

### **Vinyl**

Polyvinyl chloride (PVC) is manufactured by polymerizing vinyl chloride monomers and has been used for more than 50 years. Vinyl examination gloves are appropriate for short-term tasks involving minimal stress and risk of exposure to blood or other potentially infectious material as long as the barrier remains intact. They are not recommended as a primary hand covering in high-risk areas such as the ER, OR and ICU.

### **Nitrile**

Nitrile examination gloves are used for tasks involving prolonged exposure to blood, bodily fluids, chemotherapeutic agents, cleaning solutions or other chemicals. They have a high tensile strength and typically a better chemical resistance than natural rubber latex, especially to hydrocarbon-based solutions.

## Surgical Glove Quick Reference Guide

Glove	Size	Cat. No.	Material	Beaded Cuff	Powder	Finish	Color	Length	Typical Finger Thickness	Quantity	Page
<b>Latex-Free Powder-Free</b>											
<b>Esteem® with Neu-Thera®</b>	5½	2D73TE55	Polyisoprene	Yes	No	Smooth	Cream	12"	9.5 mil (0.24mm)	50 pairs/box, 4 boxes/case	4, 6
	6	2D73TE60									
	6½	2D73TE65									
	7	2D73TE70									
	7½	2D73TE75									
	8	2D73TE80									
	8½	2D73TE85									
	9	2D73TE90									
<b>Esteem® Blue with Neu-Thera®</b>	5½	2D73EB55	Polyisoprene	Yes	No	Smooth, ideal for use as an underglove	Blue	12"	7.9 mil (0.20mm)	50 pairs/box, 4 boxes/case	4, 6
	6	2D73EB60									
	6½	2D73EB65									
	7	2D73EB70									
	7½	2D73EB75									
	8	2D73EB80									
	8½	2D73EB85									
	9	2D73EB90									
<b>Esteem® Micro</b>	5½	2D73PM55	Polyisoprene	Yes	No	Smooth	Cream	12"	7.9 mil (0.20mm)	50 pairs/box, 4 boxes/case	7
	6	2D73PM60									
	6½	2D73PM65									
	7	2D73PM70									
	7½	2D73PM75									
	8	2D73PM80									
	8½	2D73PM85									
	9	2D73PM90									
<b>Esteem® SMT</b>	5½	2D72PT55	Polyisoprene	Yes	No	Smooth	Cream	12"	9.5 mil (0.24mm)	40 pairs/box, 5 boxes/case	7
	6	2D72PT60									
	6½	2D72PT65									
	7	2D72PT70									
	7½	2D72PT75									
	8	2D72PT80									
	8½	2D72PT85									
	9	2D72PT90									
<b>Esteem®</b>	5½	2D72PL55	Polyisoprene	Yes	No	Smooth	Cream	12"	11.0 mil (0.28mm)	40 pairs/box, 5 boxes/case	8
	6	2D72PL60									
	6½	2D72PL65									
	7	2D72PL70									
	7½	2D72PL75									
	8	2D72PL80									
	8½	2D72PL85									
	9	2D72PL90									
<b>Duraprene™ SMT</b>	5½	2D72PN55	Neoprene	Yes	No	Smooth	Tan	12"	9.1 mil (0.23mm)	40 pairs/box, 5 boxes/case	9
	6	2D72PN60									
	6½	2D72PN65									
	7	2D72PN70									
	7½	2D72PN75									
	8	2D72PN80									
	8½	2D72PN85									
	9	2D72PN90									

– continued

# Appendix

## Surgical Glove Quick Reference Guide *(continued)*

Glove	Size	Cat. No.	Material	Beaded Cuff	Powder	Finish	Color	Length	Typical Finger Thickness	Quantity	Page
<b>Latex Powder-Free</b>											
<b>Protegrity® with Neu-Thera®</b>	5½	2D73TP55	Latex	Yes	No	Smooth	Tan	12"	9.8 mil (0.25mm)	50 pairs/box, 4 boxes/case	5, 10
	6	2D73TP60									
	6½	2D73TP65									
	7	2D73TP70									
	7½	2D73TP75									
	8	2D73TP80									
	8½	2D73TP85									
9	2D73TP90										
<b>Protegrity® Micro SMT</b>	5½	2D72NT55	Latex	Yes	No	Smooth	Tan	12"	8.3 mil (0.21mm)	40 pairs/box, 5 boxes/case	10
	6	2D72NT60									
	6½	2D72NT65									
	7	2D72NT70									
	7½	2D72NT75									
	8	2D72NT80									
	8½	2D72NT85									
9	2D72NT90										
<b>Protegrity® SMT</b>	5½	2D72NS55	Latex	Yes	No	Smooth	Tan	12"	10.2 mil (0.26mm)	40 pairs/box, 5 boxes/case	11
	6	2D72NS60									
	6½	2D72NS65									
	7	2D72NS70									
	7½	2D72NS75									
	8	2D72NS80									
	8½	2D72NS85									
9	2D72NS90										
<b>Protegrity®</b>	5½	2D72N01	Latex	Yes	No	Smooth	Cream	12"	10.2 mil (0.26mm)	40 pairs/box, 5 boxes/case	11
	6	2D72N11									
	6½	2D72N21									
	7	2D72N31									
	7½	2D72N41									
	8	2D72N51									
	8½	2D72N61									
9	2D72N71										
<b>Triflex® Select</b>	5½	2D72TS55	Latex	Yes	No	Smooth	Cream	12"	8.7 mil (0.22mm)	50 pairs/box, 4 boxes/case	12
	6	2D72TS60									
	6½	2D72TS65									
	7	2D72TS70									
	7½	2D72TS75									
	8	2D72TS80									
	8½	2D72TS85									
9	2D72TS90										
<b>Ultrafree™ Max</b>	5½	2D72901	Latex	Yes	No	Smooth	Brown	12"	12.2 mil (0.31mm)	40 pairs/box, 5 boxes/case	12
	6	2D72911									
	6½	2D72921									
	7	2D72931									
	7½	2D72941									
	8	2D72951									
	8½	2D72961									
9	2D72971										

– continued

## Surgical Glove Quick Reference Guide *(continued)*

Glove	Size	Cat. No.	Material	Beaded Cuff	Powder	Finish	Color	Length	Typical Finger Thickness	Quantity	Page
<b>Latex Powder</b>											
<b>Triflex®</b>	5½	2D7250	Latex	No	Yes	Smooth	Cream	12"	10.4 mil (0.26mm)	40 pairs/box, 5 boxes/case	13
	6	2D7251									
	6½	2D7252									
	7	2D7253									
	7½	2D7254									
	8	2D7255									
	8½	2D7256									
9	2D7257										
<b>Triflex® Orthopedic</b>	6	2D7281	Latex	Yes	Yes	Smooth	Brown	12"	13.4 mil (0.34mm)	40 pairs/box, 5 boxes/case	13
	6½	2D7282									
	7	2D7283									
	7½	2D7284									
	8	2D7285									
	8½	2D7286									
	9	2D7281									

# Cardinal Health, Healthcare Supply Chain Services – Medical Terms and Conditions of Sale

The following sets forth the terms and conditions of sale for Cardinal Health 200, Inc., Healthcare Supply Chain Services – Medical with principle offices located at 7000 Cardinal Place, Dublin, OH 43017 (“Cardinal Health”). By placing an order, Customer agrees to the terms and conditions below to the extent not inconsistent with any specific written agreement between Cardinal Health and Customer.

## Prices

For up-to-the-minute price and availability, call your local Cardinal Health Customer Service Representative or sign in to [cardinalhealth.com](http://cardinalhealth.com). Minimum order quantities and/or special handling and/or delivery fees may apply. Please confirm at time of order placement.

Some products distributed by Cardinal Health may not be available for sale outside the U.S. and Puerto Rico.

## Payment Terms

Payment terms are net 30 days, provided that Cardinal Health may at any time cancel, increase or decrease such credit limit, place Customer on C.O.D. or hold products from shipping based upon Customer’s payment performance, changes in Customer’s financial condition or other credit considerations deemed relevant by Cardinal Health. Any invoice that is paid past its due date will be assessed interest at a 1 1/2% monthly (or 18% annual) rate or the highest amount allowed by law, if lower. Failure or delay by Cardinal Health to bill Customer for any such service charge will not waive Cardinal Health’s right to receive the same.

Any invoice dispute must include the following along with the partial payment of any undisputed portion from such invoice:

- (1) Invoice number, (2) Product code, (3) Amount disputed, and (4) Specific details as to the nature of the dispute.

Until products are paid for in full, Cardinal Health retains, and the Customer hereby grants Cardinal Health, a security interest in the products. Cardinal Health shall have a security interest in any deposit(s) to secure payment of all of Customer’s obligations, now existing, and arising in the future, to Cardinal Health or any entities affiliated with Cardinal Health. If Customer defaults on any payment due to Cardinal Health, Cardinal Health may exercise a right of setoff against any deposit held by Cardinal Health or any amounts owed by any affiliate of Cardinal Health to Customer.

## Returned Goods Policy

### Return Procedure

All returns must be authorized by your Cardinal Health sales or customer service representative, who will advise you of the proper mode of transportation for the shipment. Authorization will be valid for only 30 days.

Each return must include the following information:

- (1) Return Goods Authorization, (2) Purchaser name and address, (3) Cardinal Health invoice number, (4) Invoice date, (5) Purchaser purchase order number, (6) Quantity, catalog number and description of item, (7) Reason for return, and (8) Signed Ongoing Assurance Statement for prescription drugs or other products specified by Cardinal Health.

### Return Policy

Cardinal Health will authorize the return of all products in salable condition with the following exceptions:

- Products not purchased from Cardinal Health. By offering product for return to Cardinal Health, Customer warrants and certifies that the products were purchased by the Customer directly from Cardinal Health.
- Products purchased more than 3 months prior to the return request.
- Products with expiration date less than 60 days.
- Products that are regulated hazardous chemicals or reagents.
- Instruments that have been used to analyze human body tissue.
- Sterile eaches of low unit of measure product.
- Special or custom products made to customer specifications.
- Products returned in defaced or other than original packaging.
- Drug products that are shipped outside the United States (reimport prohibited).
- Flu vaccine.
- Any controlled substance product that is regulated by the DEA.
- Prescription drugs or other products specified by Cardinal Health that are returned without a customer-signed Cardinal Health Ongoing Assurance Statement.
- Prescription drugs that are returned that do not achieve Cardinal Health protective service and protective packaging guidelines.
- Refrigerated, frozen or temperature-controlled products with the exception that Cool Room coded product (“C” coded) can be accepted back from customers and returned to stock only if ALL circumstances noted below apply to the return.

1. The product is returned within a 5-day transit time window.
2. The external outdoor air temperature is less than 86 degrees Fahrenheit (86°F).
3. The only acceptable reasons for the return are a picking error or an ordering error.

All return items not locally stocked will be subject to locally determined restocking fee. All returns not due to Cardinal Health error will be subject to a minimum of 15% restocking fee. In the event that an unauthorized return is accepted, there will be a minimum of 25% restocking fee.

## Freight Claims

Shortages and damages must be reported to Customer Service within 72 hours from receipt. Customer must inspect all shipments the same day they are received (visible damage). Visible damage must be noted on the delivery and inspection requested from delivery carrier or claim will be disallowed. Concealed damage requires a request of inspection from the delivering carrier, which will be made within five (5) days of notification of the damage.

During the inspection, an *Inspection Report of Loss or Damage* will be filled out for signature by both Customer and the applicable carrier. Customer should take exception to any statement by the inspector with which they do not agree and retain a copy of the inspection report. Customer must retain the merchandise, carton(s) and inside packaging at Customer’s facility until the inspection has been made and Customer has been given instructions for disposition of damaged merchandise.

Due to medical product licensing constraints, carriers are not entitled to salvage of damaged product. Obtain a *Certificate of Destruction* from the carrier. In the event an inspection is waived, an internal *Certificate of Destruction* is acceptable with approval from Cardinal Health.

## Product Delivery

Shipments are FOB Destination. Cardinal Health shall use its reasonable efforts to fill orders, but Cardinal Health shall not be liable for nonperformance or delays caused by a shortage of raw materials, manufacturing problems, delivery or labor problems, acts of regulatory agencies, discontinuation of a product line, acts of God or causes beyond its control. Customer agrees that, in such events, Cardinal Health may allocate products among all purchasers, without liability.

## Warranty

**Cardinal Health warrants to Customer that any product it manufactures (the term “manufacture,” for purposes of this warranty, does not include product repackaging) is, as of the date of shipment, fit for the purposes and indications described in the labeling. Unless the product is used in accordance with its instructions, these warranties are void and of no effect. To the extent assignable, Cardinal Health assigns to Customer those warranties for other products distributed by Cardinal Health made for them by their manufacturer. THERE ARE NO OTHER EXPRESSED OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY, NONINFRINGEMENT OR FITNESS FOR A PARTICULAR PURPOSE. CARDINAL HEALTH’S SOLE OBLIGATION AND CUSTOMER’S EXCLUSIVE REMEDY FOR BREACH OF ANY WARRANTY WILL BE, AT CARDINAL HEALTH’S OPTION, TO REPAIR OR REPLACE THE PRODUCT. CARDINAL HEALTH WILL NOT BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES.**

## Publicity

Customer will not make any press release or other public announcement regarding its purchases of products from Cardinal Health without Cardinal Health’s express prior written consent.

## Compliance with Law

By placing an order, Customer represents and warrants that it has all required local, state and federal licenses, permits and approvals required to purchase, use and/or store the products it elects to purchase from Cardinal Health and that all purchases from Cardinal Health are for Customer’s “own use”, as such term is defined in judicial or legislative interpretation. Customer acknowledges that Cardinal Health may suspend sales to Customer immediately if it reasonably determines that Customer has breached this “own use” limitation. If Customer receives from Cardinal Health any “discounts or other reductions in price” under Section 1128 b(b)(3)(a) of the Social Security Act (42 U.S.C.1320-7b(b)(3)(a)), Customer shall disclose the discounts or reductions in price under any state or federal program which provides cost or charge-based reimbursement to such customer for the products or services it purchases from Cardinal Health.

## Governing Law

The agreement resulting from these Terms and Conditions of Sale shall be governed by the laws of the State of Ohio, applicable to contracts made and to be performed in that state.

**Effective Date: July 1, 2008. All terms and conditions contained herein are subject to change without notice.**

