

HANSER LATEX EXAMINATION GLOVES – ELBOW LENGTH

DEVELOPED FOR SPECIALIZED APPLICATIONS

HANSER Elbow Length Latex Examination Gloves comes in 400, 500 and 600mm lengths. The length itself provides better protection from unwanted substances or potentially dangerous substances for both the medical professionals and patients. Manufactured from custom made moulds with textured surface provides a better fit and comfortable for the user. These gloves are specially designed for Medical Professionals in the Obstetric and Gynecology departments in Hospitals and can be used in areas where a longer glove is required for protection.

HANSER Latex Examination Gloves – Elbow Length meets all international performance standards for medical gloves. They also meet all regulatory requirements for Bio-compatibility testing and Latex Protein Allergy.

FEATURES:

- Elbow Length gloves provides extra protection due to its length
- The in house designed moulds, minimizes hand fatigue during prolonged usage
- Micro textured surface provides non-slip grip when handling instruments
- Special formulation gives high tensile strength and minimizes tear
- Beaded cuff ensures easy and secure donning



You're In Good Hands

PRODUCT STANDARD SPECIFICATIONS, PERFORMANCE & CONFORMANCE

HANSER LATEX EXAMINATION ELBOW LENGTH GLOVE - ITEM CODE: LEG400FTFP

| | | |
|-------------------------------|--|---|
| Type | Pre-powdered Latex Examination Glove- Disposable | Powder-free Latex Examination Glove- Disposable |
| Material | Natural Rubber Latex (NR) | |
| Colour | Natural White, Off White | |
| Design & Feature | Ambidextrous, Beaded Cuff, Palm Textured | |
| Donning Aid | Complies with USP Absorbable Dusting Powder | Chlorinated |
| Product Classification | FDA: 80LYY-880.6250 MDD: Class I | |
| Powder Content | Max. 15 milligram/dm ² | |
| Protein Content | Max. 200 microgram/dm ² | |
| Size Available | S, M, L, XL, XXL | |
| Storage Condition | Product shall be stored under room condition, avoid direct sunlight | |
| Shelf Life | Product shall have shelf life of 5 years from the date of manufacture with the above storage condition | |
| Packing Style | 50 pieces per inner box, 10 dispensers per carton | |
| Performance Standard | ASTM D-3578 EN 455-Part 1, 2 and 3 | |

PHYSICAL DIMENSION - 6 MILS, 400 MM/16" | 6 MILS, 500 MM/20" | 8 MILS, 600 MM/24"

| Size | S | | | M | | | L | | | XL | | | XXL | | |
|------------------------|----------|----------|----------|------------|----------|----------|------------|----------|----------|------------|----------|----------|----------|----------|----------|
| Ave width (mm) | 85±5 | 85±5 | 85±5 | 95±5 | 95±5 | 95±5 | 106±5 | 106±5 | 106±5 | 113±5 | 113±5 | 113±5 | 120±5 | 120±5 | 120±5 |
| Ave weight (gm) | 14.0±1.0 | 20.0±1.0 | 27.0±1.0 | 15.0±1.0 | 21.0±1.0 | 28.0±1.0 | 16.0±1.0 | 22.0±1.0 | 29.0±1.0 | 17.0±1.0 | 23.0±1.0 | 30.0±1.0 | 18.0±1.0 | 24.0±1.0 | 31.0±1.0 |
| Length (mm) | | | | Min 400 | | | Min 500 | | | Min 600 | | | | | |
| Thickness | Cuff | | | 0.140±0.02 | | | 0.140±0.02 | | | 0.140±0.02 | | | | | |
| | Palm | | | 0.150±0.02 | | | 0.150±0.02 | | | 0.190±0.02 | | | | | |
| | Finger | | | 0.200±0.03 | | | 0.200±0.03 | | | 0.200±0.03 | | | | | |

PHYSICAL PROPERTIES - ASTM

| Parameters | Before Aging | | | After Aging | | |
|-------------------------|------------------------|-------------------------|-----------------------|------------------------|-------------------------|-----------------------|
| | Tensile Strength (MPa) | Elongation at break (%) | Modulus at 500% (MPa) | Tensile Strength (MPa) | Elongation at break (%) | Modulus at 500% (MPa) |
| Hanser Result | 18 - 28 | 650 - 750 | 4.0 - 5.5 | 14 - 21 | 500 - 700 | 4.0 - 5.5 |
| ASTM Requirement | Min 14 | Min 650% | Max 5.5 | Min 14 | Min 500% | N/A |

PHYSICAL PROPERTIES - EN

| Parameters | Before Aging | | After Aging | |
|----------------------|--------------------|-------------------------|--------------------|-------------------------|
| | Force at Break (N) | Elongation at break (%) | Force at Break (N) | Elongation at break (%) |
| Hanser Result | 9.0 - 11.0 | N/A | 6.0 - 9.0 | N/A |

CHEMICAL ANALYSIS

| Requirement | Protein Content | | Powder Content | |
|-------------------------|-----------------------------------|----------------------------------|----------------------------------|-------------------------|
| | Pre-Powdered | Powder Free | Pre-Powdered | Powder Free |
| Hanser Result | 100 - 160 | Below 50 | Below 12 | Below 2.0 |
| ASTM requirement | Max 200 milligram/dm ² | Max 50 milligram/dm ² | Max 15 milligram/dm ² | Max 2.0 milligram/glove |

PERFORMANCE

| Inspection | Related Defects | Inspection Level | AQL |
|----------------------------|---------------------------------|------------------|-----|
| Watertight Test | Holes | G-1 | 1.5 |
| Visual Inspection | Major Defects | | 2.5 |
| | Minor Defects | | 4.0 |
| Physical Properties | Tensile Strength and Elongation | S-2 | 4.0 |
| Physical Dimension | Measurement | S-2 | 4.0 |

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