

# Veterinary Hand Gloves – LD Orange

## Description

These are **elbow- to shoulder-length gloves**, usually **orange in colour** for high visibility, made from **LDPE**, offering **barrier protection** against fluids, contaminants, and infection during veterinary procedures. Lightweight and loose-fitting, they allow flexibility without compromising protection during sensitive internal examinations.

## Specifications

- **Material:** LDPE (Low-Density Polyethylene)
- **colour:** Orange (high-visibility)
- **Length:** 32 – 36 inches (shoulder-length)
- **Thickness:** ~20–30 microns
- **Weight:** ~6–10 g per glove
- **Fit:** Ambidextrous, loose-fit for easy donning
- **Surface:** Embossed for grip
- **Type:** Disposable, non-sterile
- **Packaging:** Usually 100 pcs/pack or 50 pairs/pack

## Sizes & Shapes

- **Standard Size:** One size fits most (universal fit)
- **Length Options:** 32", 34", 36" (varies by manufacturer)
- **Shape:** Straight, loose-fitting sleeve glove with thumb and finger profiles

## Types

- **LDPE Orange Gloves** (most common for visibility and strength)
- **HDPE Gloves** (high-density, more rigid)
- **Sterile Obstetric Gloves** (used in surgical AI/OB settings)
- **Shoulder-Length Veterinary Gloves with Thumb Loop** (for secure fit)

## Material

- **LDPE (Low-Density Polyethylene):**
  - Flexible
  - Water-resistant
  - Inexpensive
  - Lightweight
  - Latex-free (safe for allergic users)

## Category

- **Veterinary Consumables / Personal Protective Equipment (PPE)**
- Also applicable in **agriculture, breeding farms, and veterinary field kits**

## Product Form

- Disposable, single-use gloves
- Supplied in packs or rolls
- Available in **bulk cartons** for veterinary hospitals/farms

## Usage

- **Artificial insemination (AI)** in cattle, horses, sheep, goats
- **Rectal examination** or palpation
- **Gynaecological procedures**
- **Handling of birth or abortion cases**
- **Protection during contact with body fluids or faecal matter**

## Advantages

- **Long length** for full arm protection
- **High-visibility orange colour** for safety monitoring
- **Cost-effective** for large-scale use
- **Non-latex** (hypoallergenic)
- **Easy to wear and dispose**
- **Prevents cross-contamination**

## Disadvantages

- **Loose fit** – not ideal for precision tasks
- **Low tactile sensitivity**
- **Non-sterile** (unless specified)
- **Not reusable**
- **Can tear if snagged on sharp surfaces**

## Precautions

- Use **only once**, then dispose safely
- Do not use for sterile surgical procedures unless marked "sterile"
- Store in a **cool, dry place** to avoid material degradation
- Check for punctures or tears before use

## HS Code

- **HS Code:** 3926.20
- **Description:** Articles of plastic for protective use (includes gloves)

## HSN Code

- **HSN Code:** 39262011
- **Description:** Plastic gloves for medical/veterinary/hygienic use
- **GST (India):** 18%

## Handling Instructions

- Store in original packaging until use
- Avoid heat, sharp tools, and direct sunlight
- Dispose of used gloves in biohazard or clinical waste bins
- Do not reuse disposable gloves

## Sterilization Details

- **Sterile Variant:** Available (optional; usually individually packed)
- **Non-Sterile Variant:** Most common for general procedures
- **Sterilization Method** (for sterile gloves):
  - Gamma irradiation or
  - Ethylene oxide (Eto) sterilization
- Non-autoclavable

## Veterinary Applications

- **Large animal rectal and reproductive exams**
- **Cattle and equine artificial insemination**
- **Assisted deliveries and obstetric procedures**
- **Post-mortem examinations and specimen collection**
- Used extensively in **dairy farms, breeding centres, vet hospitals**

## Human Applications

- **Limited** – primarily used in **clinical hygiene, sanitation, or animal handling** by support staff
- Not used in human medical surgical procedures due to lack of precision and sterility

## FAQs – Frequently Asked Questions

1. **What is the Harmonized System (HS) Code for veterinary LD gloves?**
  - ▶ The HS Code is **3926.20**, applicable to plastic protective gloves.
2. **What is the Harmonized System of Nomenclature (HSN) Code?**
  - ▶ The HSN Code is **39262011**, under hygienic/medical/veterinary plastic gloves.
3. **Are these gloves reusable?**
  - ▶ No, LD Orange Gloves are **single-use disposable** gloves and should be discarded after one use.
4. **Can these gloves be sterilized?**
  - ▶ **Non-sterile variants cannot be sterilized.** Use pre-sterilized gloves when sterility is required.
5. **Are these gloves safe for users with latex allergies?**
  - ▶ Yes, these gloves are **latex-free** and safe for people with latex sensitivities.