

Disposable Syringe

Description

The **Disposable Syringe** is a single-use medical tool designed for the accurate administration of liquid medications or vaccines to animals or humans. It is designed to prevent cross-contamination and ensure hygienic and precise dosing. Whether it's for veterinary, medical, or laboratory use, this syringe comes pre-sterilized and ready for use, ensuring safety and efficiency.

Specifications

- **Material:** Medical-grade plastic (polypropylene, polystyrene)
- **Capacity:** Ranges from 1 ml to 50 ml, depending on model
- **Needle Type:** Hypodermic needle attached or separate, varies by model
- **Markings:** Clear, graduated markings for accurate measurement
- **Sterility:** Pre-sterilized, individually packaged
- **Packaging:** Individually wrapped for hygiene
- **Colour:** Transparent with color-coded graduations for easy measurement

Usage

- Administers injectable medications, vaccines, or fluids
- Can be used in both human and veterinary medicine
- Commonly used for injections, intravenous fluids, and blood draws
- Ideal for single-use applications to ensure sterile procedures

Advantages

- **Hygienic & Safe:** Single-use prevents infection or cross-contamination
- **Accurate Dosing:** Clearly marked for precise measurement of medication
- **Convenient:** Pre-sterilized and ready to use, saving time in medical and veterinary settings
- **Variety:** Available in a range of sizes for different applications (from micro injections to large fluid administration)
- **Cost-Effective:** Low-cost solution for hospitals, clinics, and veterinary practices

Disadvantages

- **Single-Use Only:** Cannot be reused, leading to more waste
- **Needle Size Variability:** Not all syringes come with a needle; you may need to buy needles separately
- **Environmental Impact:** Disposable nature leads to plastic waste

Precautions

- Ensure the syringe is not damaged before use
- Do not reuse the syringe, as it can cause contamination or injury
- Dispose of used syringes immediately in a sharps container
- Check the expiration date before use
- Handle the needle carefully to avoid accidental injury

Handling Instructions

- Open the sterile packaging carefully without touching the needle
- Attach the needle securely if it is separate from the syringe
- Use the syringe immediately after opening to maintain sterility
- Dispose of the syringe in a proper medical sharps disposal container after use

Sterilization Details

- Pre-sterilized during manufacturing process
- Do not attempt to sterilize a disposable syringe—it's designed for **single-use only**
- Always check the packaging for signs of damage that could compromise sterility

HSN & HS Code

- **HSN Code:** 9018.31
- **HS Code:** 9018.31.20
Syringes used for medical or veterinary purposes

Human Application:

Used for administering injections, vaccines, and fluids in humans

Common in hospitals, clinics, and home care environments

Veterinary Application:

Used for animal injections, vaccinations, and fluid therapy

Perfect for use in veterinary clinics, farm animals, and pet care

Frequently Asked Questions (FAQs)

1. Can I reuse a disposable syringe?

No, disposable syringes are designed for one-time use only to ensure hygiene and safety.

2. How do I choose the right size syringe?

Choose a syringe based on the volume of medication or fluid you need to administer. For small animals or precise injections, use smaller syringes (1-10 ml). For larger volumes, larger syringes (20 ml or more) are recommended.

3. Can I use the syringe without a needle?

Yes, some syringes come without a needle for oral medication administration, while others require a separate needle for injections.

4. How do I dispose of a used syringe?

Always dispose of syringes in an approved **sharps container** immediately after use to prevent injury.

5. Are syringes for veterinary use the same as human syringes?

Yes, but syringes used in veterinary care may come in larger sizes to accommodate larger doses for animals.

