

Sterile Syringe

Description

A **Sterile Syringe** is a single-use, pre-sterilised medical device designed for accurately measuring, drawing, and administering fluids or medications. Made with a transparent barrel and smooth plunger, it ensures precision and safety during medical and veterinary procedures. Each syringe is individually packed to maintain sterility and prevent cross-contamination. Its universal design allows compatibility with most standard needles and medical systems.

Specifications

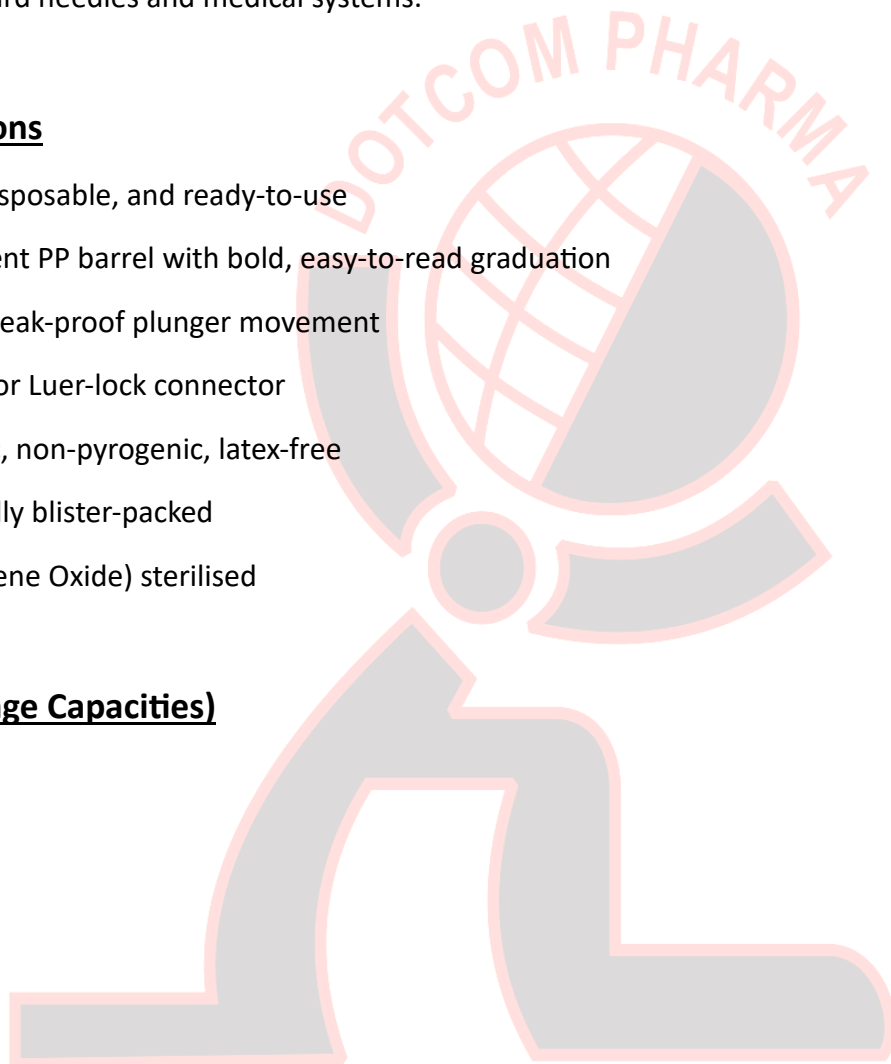
- Sterile, disposable, and ready-to-use
- Transparent PP barrel with bold, easy-to-read graduation
- Smooth, leak-proof plunger movement
- Luer-slip or Luer-lock connector
- Non-toxic, non-pyrogenic, latex-free
- Individually blister-packed
- EO (Ethylene Oxide) sterilised

Sizes (Syringe Capacities)

- 1 ml
- 2 ml
- 3 ml
- 5 ml
- 10 ml
- 20 ml
- 50 ml

Shapes

- Cylindrical barrel
- Conical Luer tip
- Straight plunger rod



Types

- Luer-slip sterile syringe
- Luer-lock sterile syringe
- Oral / enteral sterile syringe (without needle)
- Hypodermic sterile syringe (needle can be attached separately)

Material

- Barrel & plunger: Polypropylene (PP)
- Gasket: Rubber or Thermoplastic Elastomer (TPE)
- Cap (if provided): Polypropylene

Category

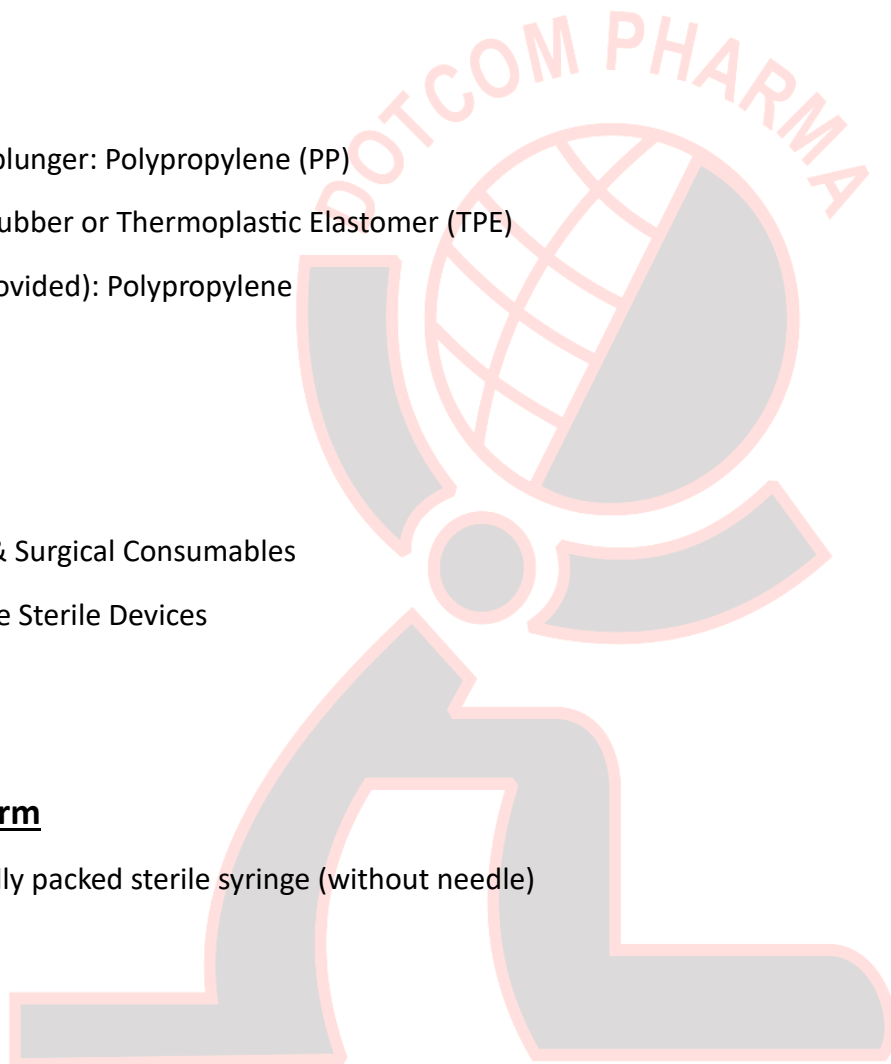
- Medical & Surgical Consumables
- Single-Use Sterile Devices

Product Form

- Individually packed sterile syringe (without needle)

Usage

- Administering medicines
- Drawing blood or body fluids
- Vaccinations (when needle is attached separately)
- Measuring liquid medication doses
- Laboratory sampling
- Veterinary dosing for small and large animals



Advantages

- Pre-sterilised and hygienic
- Clear, accurate volume markings
- Smooth plunger ensures precise control
- Compatible with most needles
- Suitable for human and veterinary use
- Light, safe, and easy to handle

Disadvantages

- Single-use increases medical waste
- Cannot be resterilised
- Requires proper sharps disposal if needle is attached

Precautions

- Do not use if the sterile pack is damaged
- Use once only
- Attach needle firmly (if used with needle)
- Dispose immediately in sharps container
- Select appropriate syringe capacity for accurate dosing

HS & HSN Code

- **HS Code:** 9018
- **HSN Code:** 90183100 (Syringes, with or without needles)

Handling

- Open pack only when ready to use
- Ensure plunger moves smoothly
- Avoid touching tip to prevent contamination
- Store in cool, dry place

Sterilisation Details

- Sterilised using **Ethylene Oxide (EO)**
- Remains sterile until packaging is opened
- Validated sterilisation cycle as per medical standards

Human & Veterinary Applications

- Human injections and fluid measurement
- Animal vaccinations and drug administration
- Diagnostic lab use
- Fluid withdrawal for testing

FAQs (Frequently Asked Questions)

Q1. What is a Sterile Syringe?

A **Sterile Syringe** is a pre-sterilised, single-use device used for injecting or drawing fluids in medical and veterinary settings.

Q2. Does it come with a needle?

Not always. Many sterile syringes are sold **without a needle**, and the needle is attached separately.

Q3. Is it reusable?

No — sterile syringes are designed for **single use only**.

Q4. What sterilisation method is used?

It is sterilised with **Ethylene Oxide (EO)**.

Q5. Can it be used for animals?

Yes, it is commonly used for **veterinary applications** of all sizes and species.

