

Syringe With Needle

Description

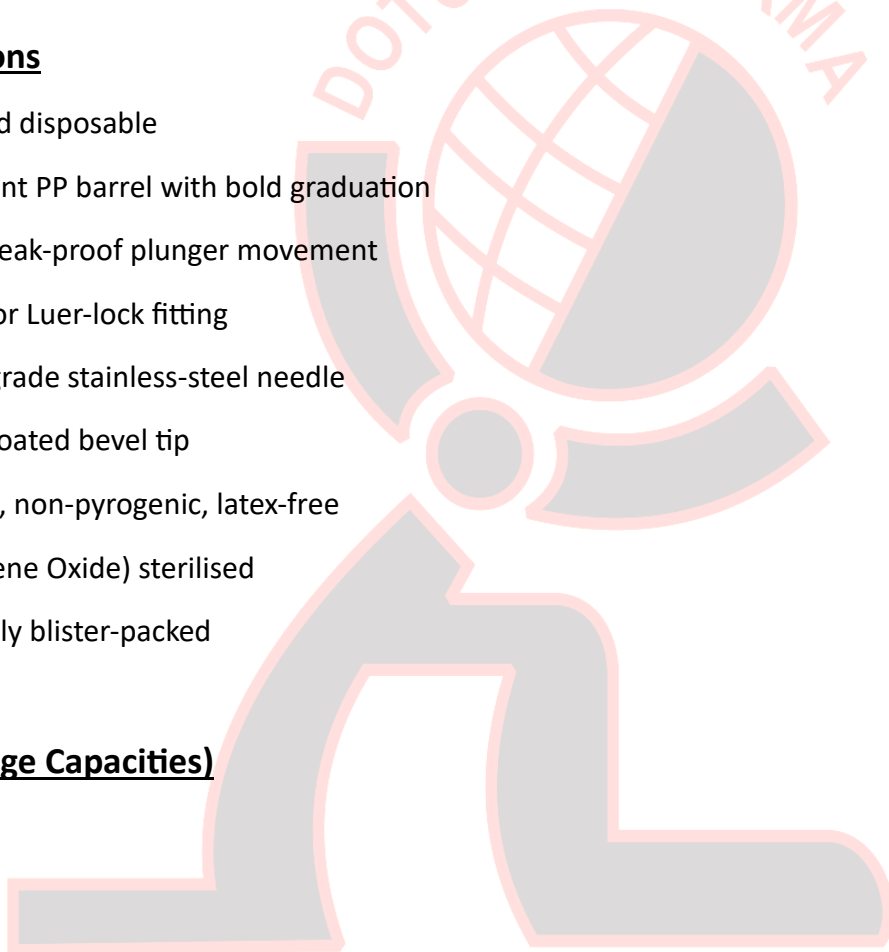
A **Syringe With Needle** is a complete single-use sterile assembly used for administering medications, drawing blood, injecting vaccines, and various clinical or veterinary procedures. It consists of a transparent polypropylene barrel, a smooth-gliding plunger, clear volume markings, and a sharp, medical-grade stainless-steel needle. The device is pre-sterilised and individually packed to ensure safety and prevent cross-contamination. Designed for precision, comfort, and universal compatibility, it is one of the most essential medical consumables used globally.

Specifications

- Sterile and disposable
- Transparent PP barrel with bold graduation
- Smooth, leak-proof plunger movement
- Luer-slip or Luer-lock fitting
- Medical-grade stainless-steel needle
- Silicone-coated bevel tip
- Non-toxic, non-pyrogenic, latex-free
- EO (Ethylene Oxide) sterilised
- Individually blister-packed

Sizes (Syringe Capacities)

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



Needle Sizes (Gauge × Length)

- 18G × 1.5 inch
- 20G × 1.5 inch
- 21G × 1.5 inch
- 22G × 1.25 inch
- 23G × 1 inch
- 24G × 1 inch
- 25G × 1 inch

Shapes

- Cylindrical syringe barrel
- Conical Luer-fit tip
- Straight bevelled needle

Types

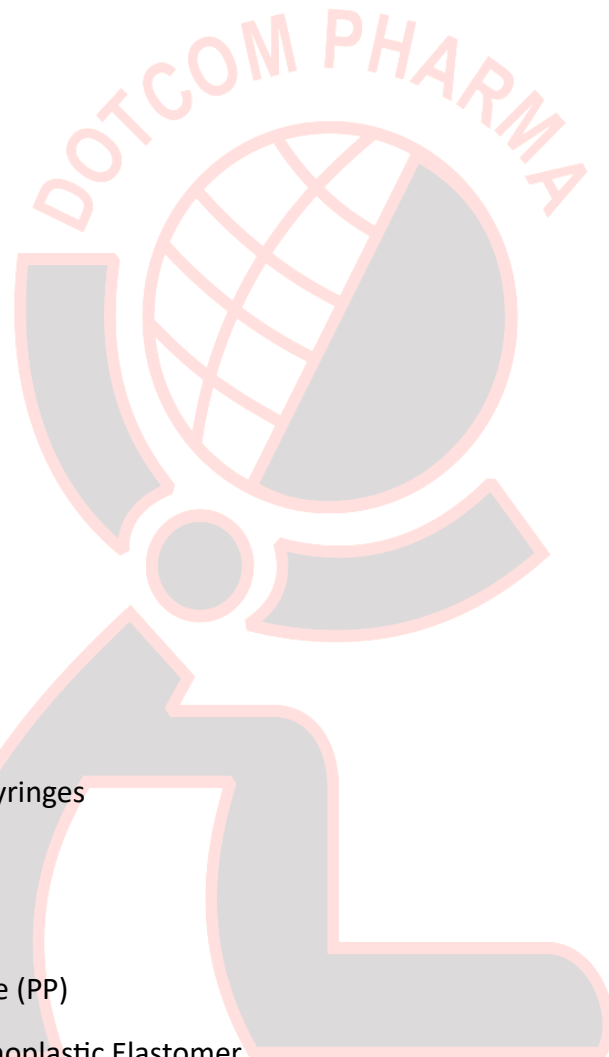
- Luer-slip syringe with needle
- Luer-lock syringe with needle
- Fixed-needle syringe
- Detachable needle syringe
- Standard (IM/IV/SC) injection syringes

Material

- Barrel & plunger: Polypropylene (PP)
- Plunger gasket: Rubber / Thermoplastic Elastomer
- Needle: Stainless steel (medical grade)
- Hub: Polypropylene

Category

- Medical & Surgical Consumables
- Single-Use Sterile Devices



Product Form

- Complete sterile assembly (syringe + needle), individually packed

Usage

- Administering injections (IV, IM, SC)
- Drawing blood or body fluids
- Vaccination procedures
- Measuring liquid medicines
- Veterinary drug administration
- Laboratory sample collection

Advantages

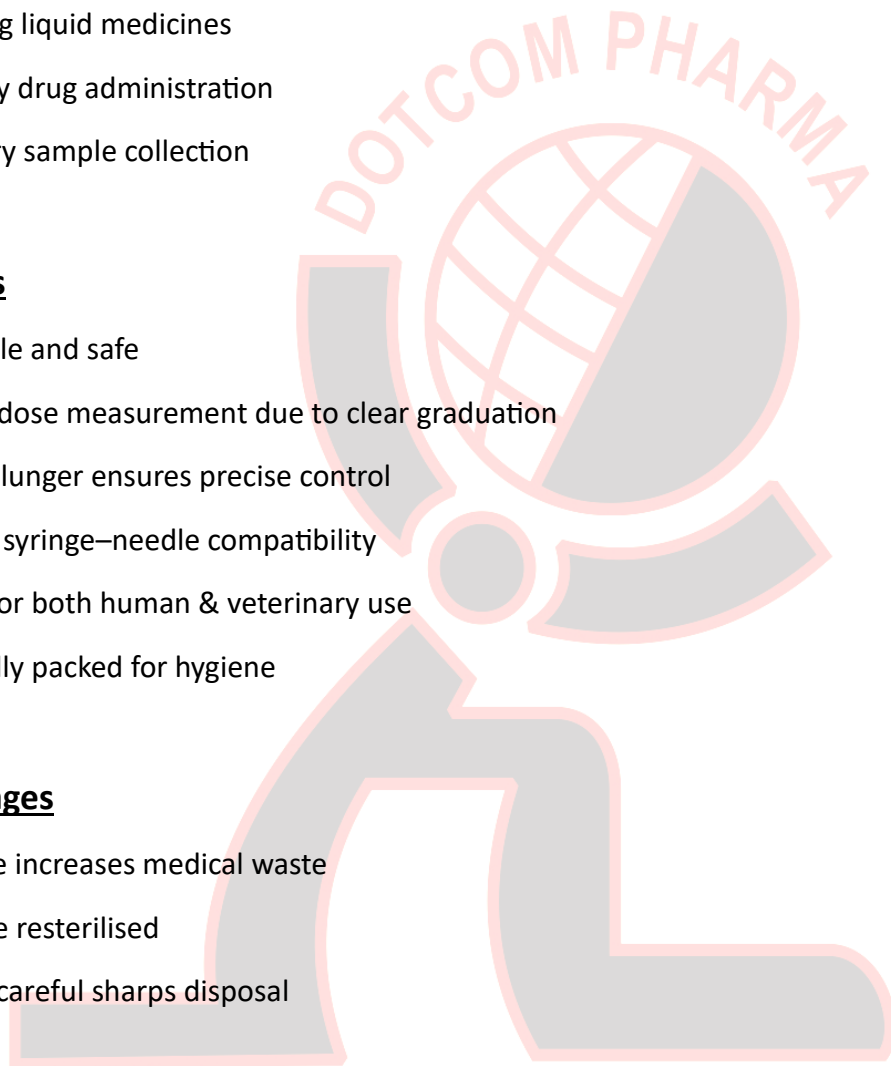
- Fully sterile and safe
- Accurate dose measurement due to clear graduation
- Smooth plunger ensures precise control
- Universal syringe–needle compatibility
- Suitable for both human & veterinary use
- Individually packed for hygiene

Disadvantages

- Single-use increases medical waste
- Cannot be resterilised
- Requires careful sharps disposal

Precautions

- Do not use if the blister pack is damaged
- Single-use only
- Avoid touching the needle to maintain sterility
- Dispose in a certified sharps container
- Select correct syringe capacity and needle gauge for procedure



HS & HSN Code

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

Handling

- Open only when ready to use
- Attach the needle securely to prevent leakage
- Ensure correct dosage measurement
- Store in a cool, dry, sterile environment
- Dispose immediately after use

Sterilisation Details

- Sterilised using Ethylene Oxide (EO)
- Maintains sterility until packaging is opened
- Validated sterilisation cycle as per medical standards

Human & Veterinary Applications

- Human injections (IV, IM, SC)
- Vaccination and medication dosing
- Blood collection
- Veterinary treatment for small & large animals
- Laboratory specimen handling

? FAQs (Frequently Asked Questions)

Q1. What is a Syringe With Needle?

A **Syringe With Needle** is a pre-sterilised, disposable assembly containing both a syringe and a needle for medical and veterinary procedures.

Q2. Is it reusable?

No — it is designed for **single use only** to prevent contamination.

Q3. Is the needle detachable?

Depending on the type, it can be detachable (Luer-slip / Luer-lock) or fixed.

Q4. What sterilisation method is used?

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

Q5. Is it suitable for animals?

Yes, it is widely used in **veterinary procedures** for all animal sizes.

