

Sterile Disposable Needle

Description

A **Sterile Disposable Needle** is a single-use medical device designed for safe and hygienic injection, aspiration, or fluid collection procedures. Manufactured from high-quality stainless steel and packed in sterile, tamper-evident packaging, it ensures patient safety by preventing cross-contamination. The ultra-sharp bevel tip provides smooth skin penetration, reducing discomfort and enhancing accuracy. Suitable for hospitals, clinics, laboratories, and veterinary practices.

Specifications

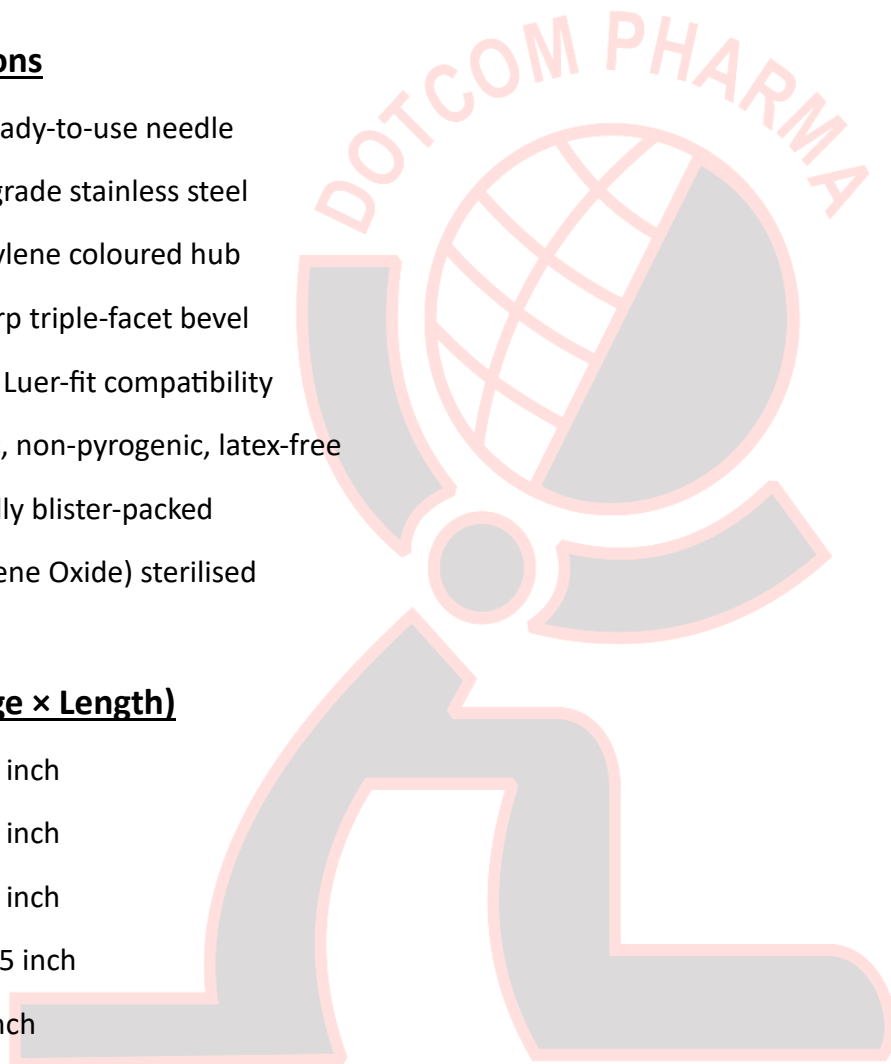
- Sterile, ready-to-use needle
- Medical-grade stainless steel
- Polypropylene coloured hub
- Ultra-sharp triple-facet bevel
- Universal Luer-fit compatibility
- Non-toxic, non-pyrogenic, latex-free
- Individually blister-packed
- EO (Ethylene Oxide) sterilised

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

- Straight standard needle
- Sharp beveled tip
- Cylindrical uniform shaft



Types

- Hypodermic needles
- Intramuscular needles
- Intravenous needles
- Subcutaneous injection needles

Material

- Stainless steel (medical grade)
- Polypropylene (PP) hub
- Silicone-coated shaft for smooth insertion

Category

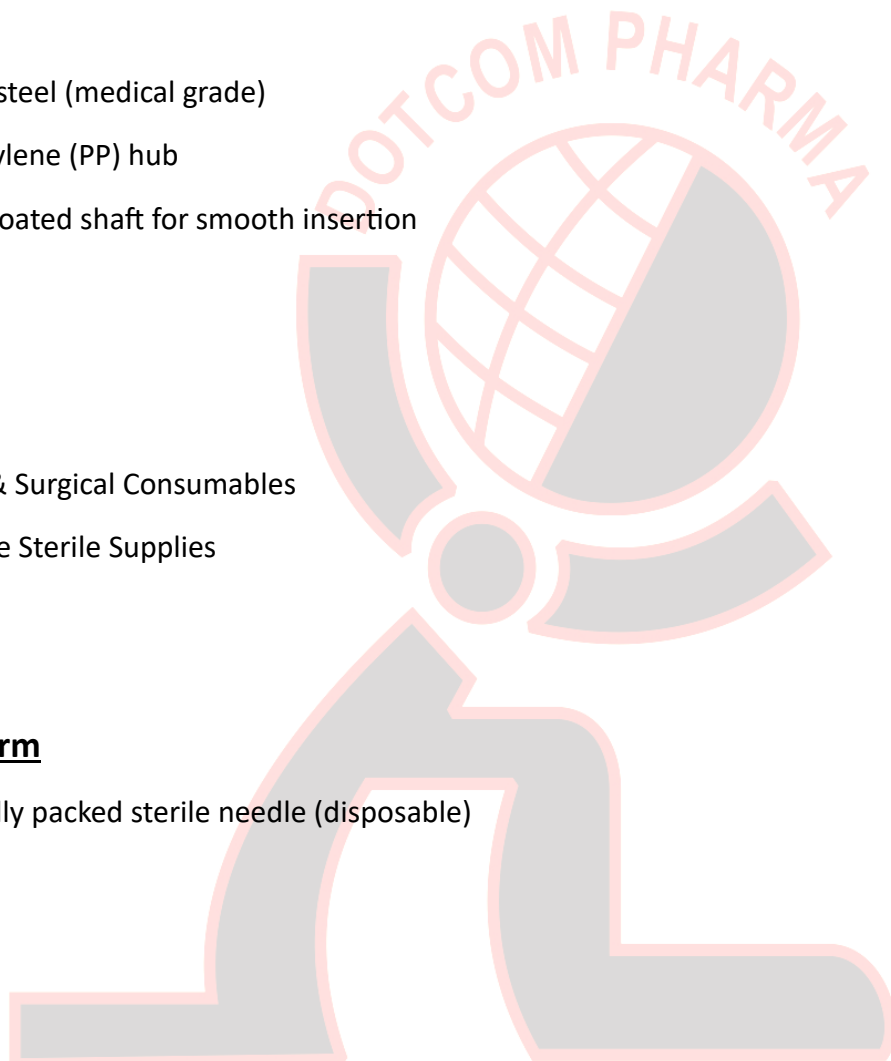
- Medical & Surgical Consumables
- Single-Use Sterile Supplies

Product Form

- Individually packed sterile needle (disposable)

Usage

- Injection administration
- Blood withdrawal
- Vaccination procedures
- IV/IM/SC injections
- Laboratory sampling
- Veterinary dosing



Advantages

- Highly hygienic (single-use)
- Prevents cross-infection
- Sharp bevel reduces pain
- Compatible with most syringes
- Lightweight & easy handling
- Sterile and safely packed

Disadvantages

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

Precautions

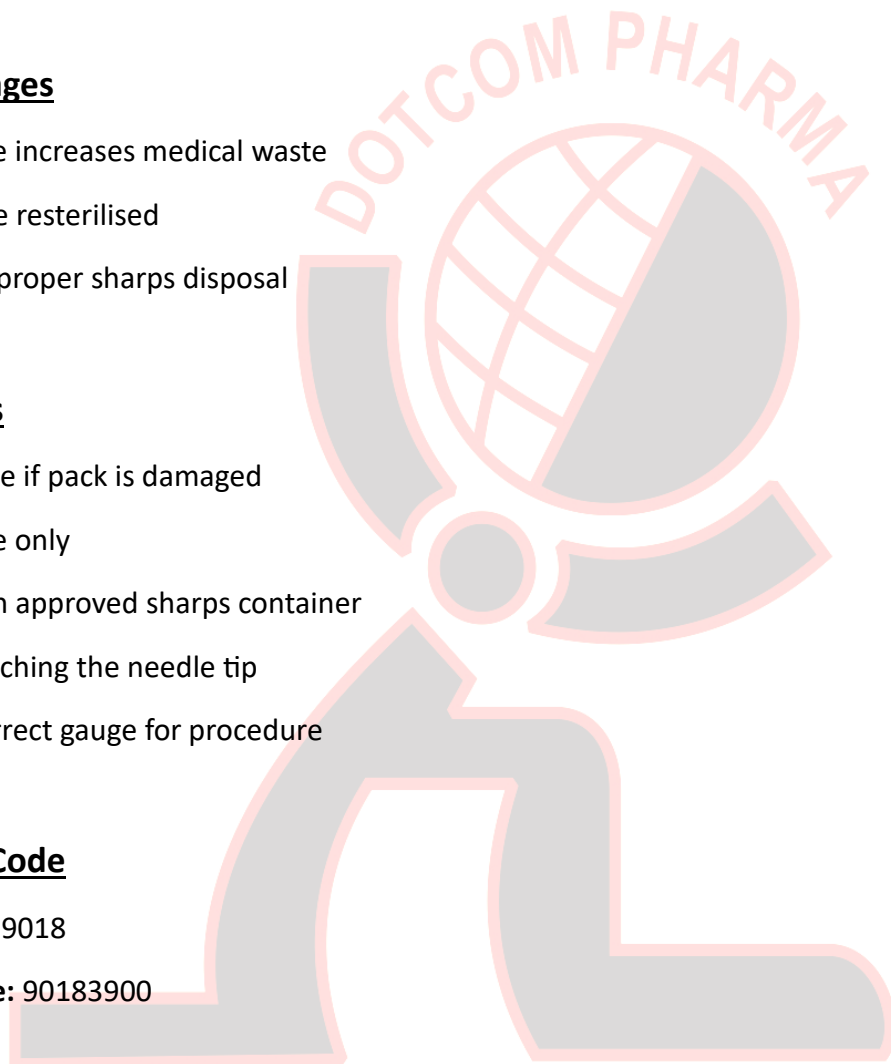
- Do not use if pack is damaged
- Single-use only
- Dispose in approved sharps container
- Avoid touching the needle tip
- Select correct gauge for procedure

HS & HSN Code

- **HS Code:** 9018
- **HSN Code:** 90183900

Handling

- Open only before use
- Attach firmly to the syringe
- Do not bend or touch the tip
- Dispose immediately after use



Sterilisation Details

- EO (Ethylene Oxide) sterilised
- Validated medical sterilisation cycle
- Maintains sterility until opened

Human & Veterinary Applications

- Human medical injections
- Vaccinations and blood sampling
- Animal injections (small and large animals)
- Diagnostic laboratory use

FAQs (Frequently Asked Questions)

Q1. What is a Sterile Disposable Needle?

A sterile disposable needle is a pre-sterilised, single-use medical needle designed to ensure safe injection and sampling procedures.

Q2. Can it be reused?

No — it must be discarded after one use to prevent contamination.

Q3. What sterilisation method is used?

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

Q4. Is it suitable for veterinary applications?

Yes, it is used for both human and veterinary medical procedures.

Q5. What gauges are commonly used?

21G to 25G depending on patient age and type of injection.

DOTCOM PHARMA

