

# Needle With Plastic Hub

## Description

Needles with plastic hubs are medical-grade hypodermic needles attached to a plastic base that allows easy connection to syringes. They are used for injections, blood collection, and veterinary applications, offering safety and convenience.

## Specifications

- **Material:** Stainless steel needle with a durable plastic hub.
- **Sizes Available:**
  - 18G x 1/2 inch
  - 18G x 3/4 inch
- **Gauge:** 18 gauge (18G) – suitable for various injections.
- **Design:** Sharp bevelled tip for easy penetration, securely attached to plastic hub.
- **Colour Coding:** Plastic hubs are color-coded for gauge identification.

## Types

- **Standard Hypodermic Needle with Plastic Hub**
- **Safety Needle with Plastic Hub** (if applicable)

## Product Form

- **Single Needle** or bulk packs.

## Material

- **Needle:** Stainless steel for strength and sharpness.
- **Hub:** Medical-grade plastic for secure syringe attachment.

## Category

- **Medical & Veterinary Consumables:** Needles and syringes.

## Human Application

- Used for intramuscular, subcutaneous, and intravenous injections.
- Commonly employed in hospitals, clinics, and labs.

## Veterinary Application

- Used for animal injections and blood sampling.
- Suitable for various animal sizes depending on needle gauge.

## Advantages

- **Secure Attachment:** Plastic hub fits snugly on syringes.
- **Ease of Use:** Bevelled tip ensures smooth penetration.
- **Versatility:** Multiple sizes for different applications.

## Disadvantages

- **Single Use:** Disposable to maintain hygiene and safety.
- **Risk of Needlestick Injuries:** Requires careful handling.

## Precautions

- Use only once to avoid infection.
- Dispose of properly in sharps containers.
- Avoid recapping needles to reduce injury risk.

## HS / HSN Code

- **HS Code:** 9018.31
- **HSN Code:** 9018.31.00
- **Description:** Needles, catheters, cannulate and the like.

## **Sterilization Details**

- Sterile, single-use product supplied pre-sterilized.
- Do not reuse or attempt to sterilize after use.

## **Frequently Asked Questions (FAQs)**

1. **What does 18G mean?**  
18G refers to the needle gauge; 18 gauge is relatively thick, suitable for many injections.
2. **What is the difference between 1/2 and 3/4 inch sizes?**  
The length of the needle shaft; longer needles are used for deeper injections.
3. **Are these needles safe for veterinary use?**  
Yes, widely used in veterinary medicine.
4. **Can these needles be reused?**  
No, they are single-use only for safety.
5. **How should I dispose of used needles?**  
Use designated sharps disposal containers.

