

Kidney Tray- PVC

Description

Kidney Tray - PVC Plastic is a kidney-shaped container widely used in medical and surgical settings for holding surgical instruments, dressings, and waste materials. Made from durable, lightweight PVC plastic, these trays are easy to clean, disinfect, and reuse. The kidney shape facilitates comfortable placement against the patient's body during procedures.

Specifications

- Material: High-quality, medical-grade PVC plastic
- Shape: Kidney-shaped (curved to fit body contours)
- Sizes Available: 6 inches, 8 inches, 10 inches, 12 inches
- Weight: Lightweight for easy handling
- Colour: Typically light green, blue, or transparent
- Finish: Smooth surface for easy cleaning

Sizes & Shapes

- Size 6" – Smallest, for minor procedures or paediatric use
- Size 8" – Standard size for general medical use
- Size 10" – Larger, suitable for bigger surgical instruments
- Size 12" – Largest size, for extensive procedures and instrument sets
- Shape: Classic kidney shape for ergonomic use

Types

- PVC Plastic Kidney Trays (reusable)
- Also available in stainless steel versions (not covered here)

Material

- Medical-grade PVC plastic
- Non-toxic, durable, and resistant to many disinfectants
- Lightweight and impact-resistant

Category

Medical Equipment → Surgical & Examination Accessories → Kidney Trays

Product Form

- Single trays packed individually or in sets
- Non-sterile, reusable product
- Packaging varies by supplier

Usage

- Holding surgical instruments during operations
- Collecting dressings, sutures, and other small waste materials
- Used in wards, operation theatres, and clinics
- Suitable for use during dressing changes and minor procedures

Advantages

- Lightweight and easy to handle
- Smooth surface enables quick cleaning and disinfecting
- Ergonomic kidney shape fits comfortably against the patient
- Available in multiple sizes for varied clinical needs
- Resistant to many chemicals and disinfectants

Disadvantages

- PVC can be prone to scratches and wear over time
- Not suitable for high-temperature sterilization methods like autoclaving

Precautions

- Avoid exposure to high temperatures (autoclaving not recommended)
- Clean and disinfect thoroughly after each use
- Inspect regularly for cracks or damage and replace if necessary
- Use appropriate disinfectants compatible with PVC material

HS and HSN Codes

- HS Code: 3926.90
- HSN Code: 3926

Handling Instructions

- Rinse off gross contaminants immediately after use
- Clean with mild detergent and warm water
- Disinfect using compatible solutions (e.g., alcohol-based disinfectants)
- Dry completely before storage to prevent microbial growth

Sterilization Details

- Not suitable for steam autoclaving
- Chemical disinfection recommended
- Can be sterilized using cold sterilization methods (e.g., glutaraldehyde)

Veterinary Application

- Used in veterinary clinics to hold instruments and materials during surgeries
- Suitable for handling small animal surgical tools and dressings
- Available in different sizes to accommodate various animal sizes

Human Application

- Commonly used in hospitals and clinics for surgical and dressing procedures
- Holds instruments, sutures, and other medical waste during patient care
- Sizes allow use in paediatric to adult patients depending on the procedure

? Frequently Asked Questions (FAQs)

1. What sizes are available for PVC Kidney Trays?

Available in 6", 8", 10", and 12" sizes to suit different medical needs.

2. Can these trays be sterilized in an autoclave?

No, PVC trays are not suitable for autoclaving; chemical sterilization is recommended.

3. Are these trays reusable?

Yes, they are designed for repeated use after proper cleaning and disinfection.

4. What material are these trays made from?

Medical-grade PVC plastic that is durable and lightweight.

5. Can these trays be used in veterinary medicine?

Yes, they are widely used in veterinary clinics for surgeries and procedures.

