Surgical Kit Pouch

✨ Description

A **Surgical Kit Pouch** is a sterile or non-sterile medical packaging pouch designed to securely hold surgical instruments, disposables, and procedural kits. It ensures hygienic storage, organised arrangement, and contamination-free handling of instruments prior to surgery. The pouch is made from strong medical-grade material that maintains sterility, provides visibility, and allows efficient sterilisation. Commonly used in hospitals, operating theatres, dental clinics, and veterinary surgical units.

📌 Specifications

- Medical-grade pouch material
- Self-sealing or heat-sealing type
- Strong seal integrity to prevent contamination
- Clear front for visibility (film)
- Medical-grade paper backing
- EO (Ethylene Oxide), Steam, or Plasma sterilisation compatible
- Printed sterilisation indicators
- Tear-resistant and puncture-resistant construction
- Single-use disposable pouch

📏 Sizes

Available in multiple sizes (common options):

- 90 × 135 mm
- 135 × 260 mm
- 190 × 330 mm
- 250 × 400 mm
- 300 × 450 mm

(Custom sizes available depending on manufacturer.)

🔶 Shapes

- Rectangular pouch
- Flat or gusseted (depending on instrument volume)
- Transparent front, paper back

🧩 Types

- Self-seal surgical pouch
- Heat-seal surgical pouch
- Gusseted pouch (for bulkier instruments)
- Flat pouch
- Sterile and non-sterile variants

🧱 Material

- Medical-grade paper (60–70 gsm)
- Transparent laminated PET/PP film
- Strong adhesive for self-sealing type
- Ink-safe, sterilisation indicator printing

🗂️ Category

- Medical & Surgical Packaging
- Sterile Barrier Systems (SBS)

🧪 Product Form

- Flat pouch, individually packed or in roll form (depending on type)

🩺 Usage

- Packing surgical instruments
- Sterile storage of minor procedure kits
- Autoclaving or EO sterilisation of surgical sets
- Maintaining sterility before surgery

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👍 Advantages

- Maintains sterility and hygiene
- Transparent front allows easy identification
- Strong seal prevents contamination
- Suitable for multiple sterilisation methods
- Lightweight and easy to store
- Helps organise surgical sets efficiently

⚠️ Disadvantages

- Single-use leads to increased waste
- Must be sealed correctly for sterility
- Not suitable for extremely heavy instruments

🛡️ Precautions

- Ensure the seal is fully closed before sterilisation
- Do not overload the pouch
- Keep away from sharp instrument tips that may puncture the pouch
- Store in a clean, dry environment
- Check sterilisation indicator before use

🌐 HS & HSN Code

- **HS Code:** 4819
- **HSN Code:** 48192090 (Medical sterilisation pouches and similar articles)

👐 Handling

- Insert instruments without exceeding load capacity
- Seal properly (self-seal or heat-seal)
- Place correctly in sterilisation chamber
- Allow cooling and drying before storage
- Open only during the surgical procedure

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🧼 Sterilisation Details

- Compatible with:
    - **EO (Ethylene Oxide)**
    - **Steam autoclave**
    - **Hydrogen peroxide plasma**
- Sterilisation indicators change colour after processing
- Maintains sterility until opened or seal compromised

🐾 Human & Veterinary Applications

- Human surgical procedures
- Dental surgeries
- Veterinary operations (small & large animals)
- Diagnostic and minor procedure kits

❓ FAQs (Frequently Asked Questions)

Q1. What is a Surgical Kit Pouch?
A **Surgical Kit Pouch** is a medical-grade pouch used to hold and sterilise surgical instruments and kits.

Q2. Can it be used for autoclaving?
Yes, depending on the pouch type, it is compatible with **Steam Autoclave**, **Ethylene Oxide (EO)**, and **Plasma sterilisation**.

Q3. Is it reusable?
No — it is meant for **single use only** to maintain sterility.

Q4. Does it come in different sizes?
Yes, it comes in multiple standard and custom sizes.

Q5. Is it suitable for veterinary procedures?
Yes, it is widely used in veterinary surgeries as well.

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