

Sterile Surgical Blade

Description

Sterile Surgical Blades are precision cutting instruments designed for use in various surgical procedures. Manufactured under strict sterile conditions, these blades ensure a sharp, clean incision while minimizing the risk of infection. They come in a variety of shapes and sizes to suit different surgical needs.

Specifications & Sizes

- Available Sizes: Common sizes include No. 10, 11, 12, 15, 20, 21, 22, 23, 24, 25
- Blade Length: Varies by size and type
- Edge: Ultra-sharp, stainless steel cutting edge
- Packaging: Individually sterilized and sealed for single use

Shapes & Types

- No. 10: Curved cutting edge for making large incisions
- No. 11: Triangular, pointed tip for stab incisions
- No. 12: Small, curved blade used in specific surgeries like tonsillectomy
- No. 15: Small, curved blade for precise, short incisions
- Others: Varied shapes for specialized surgical tasks

Material

- High-quality surgical stainless steel
- Corrosion-resistant and ultra-sharp

Category

- Surgical Instrument
- Cutting Instruments

Product Form

- Single-use, sterile blades
- Packaged in sterile blister packs or peel pouches

Usage

- Making precise incisions in tissue during surgery
- Used with surgical scalpel handles compatible with blade size
- Employed in general, plastic, orthopaedic, and specialized surgeries

Advantages

- Ultra-sharp for clean, precise cuts
- Sterile packaging minimizes infection risk
- Single-use design ensures safety and hygiene
- Wide range of shapes and sizes for versatile applications

Disadvantages

- Single-use only — adds to surgical waste
- Requires careful disposal to prevent injury
- Handling requires training to avoid accidental cuts

Precautions

- Always use with compatible scalpel handle
- Do not reuse blades to avoid infection risk
- Dispose of used blades in approved sharps containers
- Handle carefully to avoid accidental injury

Handling & Sterilization Details

- Sterile upon opening — no need for further sterilization
- Store in a dry, cool place away from direct sunlight
- Ensure packaging is intact before use

Veterinary Application

- Used in veterinary surgeries for precise tissue incisions
- Sterile packaging ensures safety in animal procedures
- Suitable for small and large animal surgeries requiring precision cuts

Human Application

- Essential in human surgical procedures for making precise incisions
- Used across a wide range of surgical specialties
- Helps maintain sterile surgical environment and reduces infection risk

HS & HSN Codes

- **HS Code:** 9018.31 — Disposable scalpels and blades
- **HSN Code:** 9018 — Medical, surgical, dental, or veterinary instruments and appliance

FAQs

Q: Are sterile surgical blades reusable?

A: No, they are single-use only to prevent infection and ensure sharpness.

Q: How should used blades be disposed of?

A: Dispose of in approved sharps containers according to medical waste protocols.

Q: Can different blade sizes be used with one scalpel handle?

A: Scalpel handles are generally designed to fit specific blade sizes; check compatibility before use.

Q: Are these blades suitable for veterinary surgeries?

A: Yes, sterile surgical blades are used widely in veterinary surgeries.

Q: How to ensure the blade is sterile before use?

A: Use only blades in intact sterile packaging and check the expiry date.