

Silicone Sheet

TWS silicone sheet inside a sterilization container is used to **protect delicate surgical instruments** from impact and dulling during transport and autoclaving and promoting unrestricted steam circulation and proper drainage for faster, more effective drying. It absorbs impacts, survives extreme sterilization temperatures, and will not chemically react with metal or plastic tools.



Key Protective Functions

- **Shock & Vibration Absorption:** Thicker silicone sheets act as a dampening pad. They absorb the mechanical shocks of transit, preventing delicate calibrated instruments or surgical tools from denting or breaking.
- **Anti-Slip Stabilization:** Silicone has a naturally high-friction surface. They do not slide around and smash into each other when the container is moved.
- **Sterilization Compatibility:** Instruments are often kept on silicone sheets inside sterilization trays. The silicone can withstand the intense heat and moisture of autoclaves (up to 500°F / 260°C) without melting, warping, or releasing toxic chemicals.
- **Corrosion & Moisture Resistance:** Silicone is hydrophobic and chemically inert. It does not trap moisture against the metal surfaces of your instruments, protecting them from rust, corrosion, or chemical tarnishing during long-term storage.
- **Custom Die-Cut Sheets:** Layered silicone sheets with precise cutouts tailored to the exact shape of high-value tools.

Silicone Sheet



TWS silicone sheet inside a sterilization container is used to **protect delicate surgical instruments** from impact and dulling during transport and autoclaving and promoting unrestricted steam circulation and proper drainage for faster, more effective drying. It absorbs impacts, survives extreme sterilization temperatures, and will not chemically react with metal or plastic tools.

- **Instrument Protection:** Prevents fine-tipped or fragile instruments from rattling against hard metal or plastic trays, which reduces chipping and extends their lifespan.
- **Versatility:** These sheets can often be cut to size, fitting the exact dimensions of standard hospital.

18202	Silicone Sheet Size: 18cm x 20cm x 2mm Autoclavable Colour: Yellow Flame resistant grades in solid Sponge densities: 600kg/m³ Solid Hardness: 80 Shore A Excellent Ozone and UV resistance Flame Retardant Antimicrobial Fabric Reinforced (Box of 100 Nos.)
-------	---