

**BencoDental**  
**ValuLine**  
**CSR Wrap**

*Sterile Barrier System Wrapping Material  
For Use in Steam and EO Sterilization*

### Product Description

ValuLine® CSR Wrap is a single-use, non-sterile wrapping material supplied as individual sheets.

It is intended to create a Sterile Barrier System (SBS) for terminally sterilized reusable medical devices in hospitals, clinics, and other healthcare facilities.

The wrap is designed for use in Central Supply Rooms (CSR) and sterilization centers where packaging integrity and aseptic presentation are critical.

#### Composition:

Reinforced crepe paper (60 g/m<sup>2</sup>) made from cellulose fibers and synthetic binders.

#### Available Sizes:

- 12" x 12" (30 cm) – Blue — REF 5495-510
- 15" x 15" (38 cm) – Blue — REF 5495-529
- 18" x 18" (45 cm) – Blue — REF 6874-948
- 20" x 20" (51 cm) – Blue — REF 5495-538
- 24" x 24" (61 cm) – Blue — REF 5495-547

### Indications for Use

ValuLine® CSR Wrap is used to maintain the sterility of surgical instruments and reusable medical devices until the point of use.

It is compatible with steam (moist heat) and ethylene oxide (EO) sterilization methods.

### Storage Prior to Use

- Store in clean, ventilated, and dry conditions, off the floor.
- Maintain temperature between 50°F (10°C) and 104°F (40°C).
- Keep the product in its original packaging until use.
- Avoid exposure to UV light, excessive heat, or humidity, which may reduce product integrity.

### Packaging Instructions

1. Use double sequential wrapping according to your facility's standard operating procedures.
2. A double envelope folding method is recommended to ensure:
  - Optimal bacterial barrier efficiency
  - Aseptic opening at the point of use
3. Protect sharp instrument ends to avoid puncturing the wrap.
4. Choose wrap size and grade appropriate to the tray weight, shape, and sterilization process.

## Sterilization Instructions

Validate process parameters for your equipment and load configuration before routine use.

### 1. Steam Sterilization (Moist Heat)

- Temperature: 269.6°F (132°C)
- Exposure (plateau) time: 6 minutes

### 2. Ethylene Oxide (EO) Sterilization

Validated under the following typical cycle:

- EO concentration: 725 mg/L
- Temperature: 130°F (54°C)
- Exposure time: 90 minutes
- Relative humidity: 60%
- Aeration: 12 hours

For other sterilization methods, follow local regulations or consult your distributor.

## Storage After Sterilization

- Handle sterile packs with care to maintain integrity.
- Store in a clean, dedicated area for sterile medical supplies.
- Avoid direct sunlight, humidity, and contamination.
- Inspect packages before use for damage, wetness, or contamination — reprocess if compromised.

## Warnings and Precautions

- Single-use only. Do not reuse.
- Rotate stock based on the production date printed on boxes.
- Do not use wraps that are damaged, torn, stained, or contaminated.
- Do not expose wrapping material to chemicals, detergents, or aerosols.
- If sterilization cycle fails, rewrap using a new sheet of ValuLine® CSR Wrap.
- Ensure all instrument sharp points are protected prior to wrapping.

## Disposal

Dispose of used wrap material in accordance with local regulations.  
Landfill or incinerate based on the level of biological contamination.

## Distributed by

Benco Dental  
295 CenterPoint Boulevard  
Pittston, PA 18640 USA  
1-800-GO-BENCO  
benco.com