



# Raven ProChem SSE Emulator

**REF** CI-SSIX

## Directions For Use

### INTENDED USE

The Raven *ProChem* SSE chemical emulator strips are designed for use in steam sterilizers operating at 132°C for 4 minutes or at 135°C for 3 minutes. When used as directed, the Raven *ProChem* SSE Emulator strips give visual confirmation that sterilization conditions were met at the point of placement in the sterilizer chamber.

### COLOR CHANGE

During steam sterilization, the indicator bar changes from purple to green.

### CRITICAL PARAMETERS *(in a standard hospital steam sterilizer)*

Time at 132°C	Time at 135°C
4 minutes	3 minutes

### STATED VALUES *(As determined in a steam sterilization resistometer)*

Time at 132°C	Time at 135°C
4.5 minutes	3.75 minutes

### INSTRUCTIONS FOR USE

1. Place a Raven *ProChem* SSE strip in each pack, peel-pouch or tray for sterilization. Place strip at a location in the package considered most difficult for steam to reach. For larger packs, place strips at several locations in pack.
2. Sterilize package as usual in a steam sterilizer.
3. After cycle is complete, visually verify that the indicator bar has turned from purple to green.
4. If the indicator bar is not green, it suggests inadequate sterilization conditions. Follow in-house protocol for failed cycle.

### SAFETY PRECAUTIONS

- *If there is any doubt about sterility of item, it must be considered NOT sterile.*
- *Do not use any strips whose indicator marks are not purple in color prior to exposure to steam sterilization processing.*
- *Not recommended for use in a "flash" sterilization cycle.*

### STORAGE

Raven *ProChem* SSE steam sterilization emulator strips should be stored between 0° - 40°C (32°-104°F) and at normal humidity (10-90%) in the re-sealable foil bag provided. No special storage conditions are necessary after exposure to steam sterilization conditions. Keep unexposed indicator strips in the sealed bag provided.

### EXPIRY DATE

Expiry date is printed on bag and case labels.

### LOT NUMBER

A unique identification code (**LOT**) is printed on each indicator strip and package labeling.

### INTERFERING SUBSTANCES OR CONDITIONS

There are NO KNOWN INTERFERING SUBSTANCES OR CONDITIONS that could affect the intended use of the indicator or adversely affect the indicator performance.

### RELEASE OF TOXIC SUBSTANCES

The indicator releases NO KNOWN TOXIC SUBSTANCES in sufficient quantities to cause either a health hazard, or a hazard to the intended properties of the product being sterilized before, during or after the sterilization process.

### DECLARATION OF CONFORMITY

Raven Labs declares that the Raven *ProChem* SSE Emulator conforms to all applicable portions ISO 11140-1: 2005 pertaining to Class 6 emulators.

*Manufactured for:*  
Raven Labs  
8607 Park Drive  
Omaha, NE 68127 USA  
(402) 593-0781 Fax: (402) 593-0995  
www.ravenlabs.com  
A division of Mesa Laboratories, Inc.