

## KemSure® Lead-Free Indicators

### Overview:

KemSure Lead-Free Indicators for Steam Sterilization provide immediate confirmation of the sterilization process. The indicators clearly show a distinct color change which occurs only when required levels of time, temperature and saturated steam have been met.

### Performance Highlights:

- Distinct color change.
- Enables immediate differentiation between processed and unprocessed units or loads.
- Approved for use in validated 121°C/250°F, 132°C/270°F, 134°C/273°F and 135°C/275°F steam sterilization processes.
- Lead-free product is non-hazardous for use and disposal.
- Customization is available.




### There's a Lot Behind Each 'Dot'.

Designed to support efficient sterilization process management, KemSure Lead Free Indicators are easy to use. One adhesive indicator, *or 'dot'*, is placed on each item, pack or tray that will undergo steam sterilization. When the load is processed in a validated autoclave cycle according to established procedures, the indicator color will change from the original light (off-white/tan) to dark (dark brown/black), confirming cycle parameters have been met. It's easy to be sure with KemSure.

KemSure indicators are available as labels, cards or strips. They can be printed on adhesive-coated paper, card-stock or tape, and custom orders are welcome for bulk orders and private labeling. And last, but certainly not least, our indicators meet all ISO 11140-1:2014 performance criteria for Steam Type 1 and are approved under FDA 510K #K181788.

### About Kem Medical Products Corp.



We offer a complete line of health and safety products and services for healthcare facilities. Kem Medical Products Corp. has been proudly serving the healthcare industry since 1980. Our mission is to provide healthcare professionals with the high quality products and solutions they need in order to maintain a safe and effective work environment. 

### Kem Medical Products Corp.

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## KemSure® Lead-Free Indicators: Performance and Item Details

### PERFORMANCE

Item	Details
Original/ Unexposed Indicator 	Example of lead-free indicator as it appears before use. The initial color will be light (off-white/tan).
Processed/ Steam-sterilized Indicator 	Example of post-sterilization indicator color change. The color change will be dark (dark brown/black).

### STORAGE, USE AND SHELF LIFE

Condition	Performance
Storage Location	Store away from direct sunlight and other heat sources.
Storage Temperature	Best stored in a dry (<50% relative humidity), room temperature (59°F-86°F/15° C-30°C) environment.
Storage Parameters	Do not store near alkaline or acidic products such as cleaning/disinfecting agents. Store away from chemicals and sterilants (e.g. hydrogen peroxide).
Use Parameters	Use only with validated steam cycle parameters. Do not use to monitor dry heat, EO or other low temperature sterilization processes.
Shelf Life	Two years from date of manufacture.