



# Raven's Lead-free Bowie-Dick Test Sheets

## DIRECTIONS FOR USE

1. Run a shortened cycle (omitting the drying phase) to properly heat the sterilizer.
2. Place a Bowie-Dick Test Sheet in the middle of a towel pack made to specification.
3. Place the towel pack on the bottom of the sterilizer nearest the drain.
4. Run a Bowie-Dick test cycle as specified by the sterilizer manufacturer.
5. The test should be run for 3.5 minutes at 132°C (USA), 134°C (International). *The cycle time must never exceed 4 minutes.*
6. A short dry time of 2 to 5 minutes will not affect the test.

## INTERPRETATION

1. Remove the towel pack from the sterilizer and open immediately.  
**CAUTION: the towel pack will be hot and must be opened carefully to avoid thermal injury.**
2. Remove indicator sheet from the pack.
3. If the sterilizer is functioning normally, the indicator graphic will show a uniform color change to black throughout the entire pattern.
4. When a significant amount of residual air is present, the indicator sheet will show a blue/bluish area in the center.

## STORAGE

- Store at normal room temperature, 60°-90°F (15°-30°C), and 35-60% Relative Humidity. Protect from moisture and excess humidity.
- When stored as directed, the products have a shelf life of three years from the date of manufacture.
- The first four digits of the lot number printed on the indicator identify the date of manufacture, i.e. a lot number of 0601xx means the product was manufactured in 2006(06) in January (01).
- Store Test Sheet away from light after exposure to sterilization conditions.

## DECLARATION OF CONFORMITY

Raven's lead-free Bowie-Dick Test Sheets comply with EN 867-3 test methods. This document also certifies that the above testing was conducted in a steam sterilizer according to Annex H of EN 867-3 and using Air Injection Apparatus as described in Annex K of EN 867-3.

In addition, Raven Labs, a division of Mesa Laboratories, Inc. complies with the requirements set out by the U.S. Food and Drug Administrations (FDA) Quality System Regulation (previously GMPs) for all manufacturing and testing procedures.

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