



MesaLabs

ProChem Lead-Free Bowie-Dick Test Sheet

REF CI BD 110

Directions for Use

INDICATIONS FOR USE

The ProChem Lead-Free Bowie-Dick Test Sheet is for daily monitoring of pre-vacuum steam sterilizers operating at 134°C for 3.5 minutes. The test sheet is designed for use with Bowie-Dick towel packs assembled at the health center as described in ISO 11140-3.

COLOR CHANGE

The indicator sheet will change from blue to black when exposed to a steam sterilization cycle with acceptable vacuum cycles.

DIRECTIONS FOR USE

The Bowie-Dick test is conducted each day in an empty sterilizer prior to processing any loads.

1. Assemble a Bowie-Dick test towel pack and place one test sheet in the center.
2. Run a shortened cycle (omitting the drying phase) to properly heat the sterilizer.
3. Place the towel pack on the bottom of the sterilizer nearest to the drain.
4. Run the sterilizer for 3.5 minutes at 134°C.
5. A short dry time of 2 to 5 minutes will not affect the test.

INTERPRETATION

1. Remove the towel pack from the sterilizer and allow to the pack to cool.
2. Remove indicator sheet from the towel pack.
3. If the sterilizer is functioning properly, the indicator sheet will show a uniform color change (black) throughout the entire pattern.
4. When a significant amount of residual air is present, the indicator sheet will show a blue area in the center.

SAFETY PRECAUTIONS

CAUTION: the towel pack will be hot and should be opened carefully to avoid thermal injury.

STORAGE

- Store at normal room temperature 50° - 100°F (10° - 38°C) and 10-70% R.H.
- Store exposed indicator sheet away from light sources.

EXPIRY DATE

The expiry date is printed on the product packaging. The first four digits of the lot number printed on the indicator identify the date of manufacture i.e. a lot number of 1501xx means the product was manufactured in 2015(15) in January (01). Do not use after expiration date listed on sheet.

LOT NUMBER

A unique identification code, LOT, is printed on each indicator and packaging labels.

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

Mesa Labs declares that the ProChem Lead Free Bowie-Dick Test Sheet indicator conforms to all applicable portions of ISO 11140-1 pertaining to Type 2 indicators for use in specific tests and ISO 11140-3.

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