



Green Card Bowie-Dick Test Card

REF BD 115 / BD 116

Directions For Use

INDICATIONS FOR USE

The SteriTec Green Card Bowie-Dick Test Card is designed for daily monitoring of pre-vacuum steam sterilizers operating at 270°F/132°C to detect the presence of residual air. Residual air can defeat pre-vacuum steam sterilization.

COLOR CHANGE

The Green Card will change from purple to green when exposed to steam sterilization cycle with acceptable vacuum cycles.

CRITICAL PARAMETERS *(in standard hospital pre-vacuum steam sterilizer.)*

3.5 minutes at 132°C.

INSTRUCTIONS FOR USE

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

1. The sterilizer should be fully heated to operating temperature before running the Bowie & Dick even if a short “warm-up cycle” is performed before running the test.
2. Insert a Green Card in the Holder with the purple indicator side facing up and the information label facing down.
3. Place the Green Card and Holder on the bottom rack, near the drain the coolest place of the empty sterilizer.
4. Run a pre-vacuum steam sterilization cycle for 3.5 minutes at 270°F/ 132°C with a drying phase of less than five minutes. No drying is also acceptable. **Note: Long drying phases may cause the indicator to turn brownish in color.**
5. Remove the Green Card and Holder from the sterilizer. **CAUTION: The Green Card and Holder may still be hot and should be handled carefully to avoid thermal injury.**
6. Examine the indicator immediately upon removal from the sterilizer and record the results. If no significant amount of residual air is present, the indicator will show a uniform green color change. If the indicator shows a purple color in the center, this indicates the presence of residual air.
7. Date the Green Card on the back, identify the sterilizer and save the card for file records. Report any residual air indications to the department supervisor.

INTERPRETATION OF INDICATOR CARD

A sterilizer that is functioning normally should have an indicator with a uniform green color change throughout the entire pattern. When a significant amount of residual air is present, the chemical indicator card typically has a purple area in the center. If an indication of residual air is found, it is recommended that the test be repeated to assure that the sterilizer is warmed-up and no anomalies are present in the single test cycle.

STORAGE

Store the Green Card at normal room temperature 50° - 100°F (10° - 38°C), 10-60% R.H. in the re-sealable bag provided.

EXPIRY DATE

The expiry date is printed on the product packaging.

LOT NUMBER

A unique identification code, LOT, is printed on each indicator label 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

SteriTec Products Mfg. Co., Inc. declares that the Green Card Bowie-Dick Test Card indicator conforms to all applicable portions of ANSI/AAMI/ISO 11140-5 indicators for use in specific tests.

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