



# The Green Card S/T Bowie-Dick Test Card

REF    BD 117 & BD 118

## Directions For Use

### INDICATIONS FOR USE

The SteriTec Green Card S/T Bowie-Dick Test Card is designed for daily monitoring of pre-vacuum sub-atmospheric and trans-atmospheric steam sterilizers operating at 273°F/134°C to detect the presence of residual air. Residual air can defeat pre-vacuum steam sterilization.

### COLOR CHANGE

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

### CRITICAL PARAMETERS

Steam sterilization cycle functioning at 134°C for 3.5 minutes

### 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 S/T in the Holder with the purple indicator side facing up and the information label facing down.
3. Place the Green Card S/T 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 273° F/ 134°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 S/T and Holder from the sterilizer. **CAUTION: The Green Card S/T 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 S/T 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 S/T 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,   , 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 S/T Bowie-Dick Test Card indicator conforms to all applicable portions of ISO 11140-1 Class 2 indicators for use in specific tests. The Green Card S/T has been tested according to ISO 11140-4 and fully complies with the performance requirements after exposure to dry saturated steam when tested under the conditions specified in ISO 11140-4. This also certifies that the above testing was conducted in a steam sterilizer using Air Injection Apparatus as described in ISO 11140-4.

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