



The Green Card T Air Removal & STEAM Penetration Test

REF BD 120

Directions For Use

INDICATIONS FOR USE

The SteriTec Green Card T Air Removal & Steam Penetration Test is specially packaged for daily monitoring and detection of residual air in small pre-vacuum steam sterilizers operating at 273° F/134°C. Residual air can defeat pre-vacuum steam sterilization. The special pouch packaging prevents the indicator card from being exposed to excessively wet steam conditions that are sometimes present in small steam sterilizers. The SteriTec Green Card T meets the EN 867-5 performance requirements for Alternative Indicators Equivalent to the Porous Load Process Challenge Device Test.

COLOR CHANGE

The Green Card T Air Removal & Steam Penetration Test indicator will change from purple to green when exposed to a steam sterilization cycle with acceptable vacuum cycles.

CRITICAL PARAMETERS

Steam sterilization cycle functioning at 273° F/134°C for 3.5 minutes.

INSTRUCTIONS FOR USE

The **Air Removal & Steam Penetration 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 test even if a short "warm-up cycle" is performed before running the test.
2. Assemble the test pack by attaching the metal ring, provided with the indicator cards, through the hole on the top of the Green Card T pouch. The ring provides weight to the pouch and indicator card and prevents them from being blown around inside the sterilizer during steam insertion and vacuum pulses.
3. Place the test pack on the bottom rack, near the drain the coolest place of the empty sterilizer. Be sure the clear side of the pouch is facing up.
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 test pack from the sterilizer. Open the pouch and remove the Green Card. Retain the metal ring for later use and discard the pouch.

CAUTION: The test pack and ring may still be hot and should be handled carefully to avoid thermal injury.

6. Examine the card immediately upon removal from the sterilizer and record the results. If no significant amount of residual air is present, the indicator card will show a uniform green color change. If the card shows a purple color in the center, this indicates the presence of residual air.
7. Turn the Green Card over and fill in the appropriate information on the back. 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 T at normal room temperature 50° - 100°F (10° -38°C) 10-90% R.H. when stored 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 T Air Removal & Steam Penetration Test indicator conforms to all applicable portions of ISO 11140-1 Class 2 indicators for use in specific tests. The Green Card T has been tested according to EN 867-5 and fully complies with the performance requirements after exposure to dry saturated steam when tested under the conditions specified in EN 867-5.

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