

Steri-Pak LF 121 Bowie-Dick Test Pack

BD 121

Indications for Use

The Steri-Pak LF 121 Bowie-Dick Test Pack is designed for daily monitoring of pre-vacuum steam sterilizers operating at 121°C for 11 minutes with sub-atmospheric or trans-atmospheric cycles as defined in ISO 11140-4 to detect the presence of residual air.

Color Change

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

Instructions for Use

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

1. Run a warm up cycle to properly heat the sterilizer.
2. Place the test pack on the bottom of the sterilizer nearest to the drain. The test pack should read "THIS SIDE UP" when placed correctly.
3. Run the sterilizer for 11 minutes at 121°C.
4. Remove the test pack from the sterilizer and allow the pack to cool.
5. Pull easy open zip tab across box front to open.
6. Remove indicator from the pack. If the indicator sheet is still warm upon removal from the pack, do not place it on a cold surface. The indicator may return to original color if a cold surface is encountered prior to indicator equilibration. Dispose of or recycle remaining pack materials.

Interpretation

1. If the sterilizer is functioning properly, the indicator will show a uniform black color change throughout the entire pattern.
2. When a significant amount of residual air is present, the indicator shows a blue area in the center.
3. On rare occasions, bubbling of the laminate may occur. If this happens, analyze the card for appropriate color change as instructed above.

Safety Precautions

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

Storage

- Store at normal room temperature 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. Do not use after expiration date listed on the packaging.

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

The Steri-Pak LF 121 Bowie-Dick Test Pack indicator conforms to all applicable portions of ISO 11140-1 Type 2 indicators for use in specific tests and ISO 11140-4.