



# MesaLabs

## ProChem BD 121 TEST PACK

### REF CI-BDTLF121

### Directions for Use

#### INDICATIONS FOR USE

The ProChem BD 121 Test Pack is for daily monitoring of pre-vacuum steam sterilizers operating at 121°C for 11 minutes. The BD 121 is designed to operate in sterilizers with sub-atmospheric or trans-atmospheric cycles.

#### COLOR CHANGE

The indicator will change from red violet 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. Run a shortened cycle (omitting the drying phase) to properly heat the sterilizer.
2. Place the test pack on the bottom rack 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. A short dry time of 2 to 5 minutes will not affect the test.

#### INTERPRETATION

1. Remove the test pack from the sterilizer and allow the pack to cool. Do not place on a cold surface. Pull easy open zip tab across box front to open.
2. Remove indicator from the pack and dispose of or recycle remaining pack materials.
3. If the sterilizer is functioning properly, the indicator will show a uniform color change (black) throughout the entire pattern.
4. When a significant amount of residual air is present, the indicator shows a red violet area in the center.
5. 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 50° - 100°F (10° - 38°C) and 10-70% R.H.
- Store exposed indicator sheet away from light sources.

#### EXPIRY DATE

Expiry date is printed on the product packaging. Do not use after expiration date listed on packs.

#### 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 BD 121 Test Pack indicator conforms to all applicable portions of ISO 11140-1 Class 2 indicators for use in specific tests and ISO 11140-4.

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