

Directions for Use

Famos Bowie-Dick Test Pack for porous loads

Reference: 15.100.069

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1. General information:

The **famo/20/BDTPL** is designed for checking the proper air removal and steam penetration capabilities of pre-vacuum hospital steam sterilizers which are mainly used to sterilize porous loads. It is for that reason that standards are requesting to perform a Bowie-Dick test once a day prior to normal use.

The chemical indicator inside the pack is developed to react at 3.5 minutes at 134°C. When one of the process parameters is not met like f.i. temperature or time, this will have an effect on the color change of the chemical indicator.

The Bowie-Dick Helix test is not replacing routine monitoring of cycles. This should be done by lot control sets and/or in pack integrators.

2. Directions for use:

1. Warm up your steriliser with an empty cycle.
2. Place the Bowie-Dick test pack near the bottom of the steriliser, e.g. on the lowest level of a trolley. Do not load any other lot.
3. Run the Bowie-Dick test cycle.
4. When the cycle is completed, take the test pack out of the steriliser. *
5. Use the data sheet to input data about the cycle and result.
6. File the result.

Picture of **Bowie-Dick Test Pack**



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3. When to read the test:

The test can be opened and results can be seen immediately after the cycle.*

* **Caution** _____

The test pack does have hot surfaces. Be careful at handling.
Do not use the indicator sheet to write any data on it. Use the data input sheet only.

_____ **Caution**

When after processing there is no color change of the indicator inside the test pack or color change has not fully developed, this shows a failure with the air removal / steam penetration. It is advisable to check the steriiser and run a second Bowie-Dick test. When there is a complete and coherent color change into black the steriliser ran a successful cycle. In both cases, the data shall be entered into the data sheet and stored.

4. Reading the test:

The chemical indicator sheet color remains the same or still shows yellow → Unsuccessful
The chemical indicator sheet color changes completely from yellow to black → Successful

Famos developed the Bowie-Dick test pack to give her end-users an easy to read color change.

As shown in the pictures, it is easy to interpret whether or not the cycle was completed free of problems or not. The color of the indicator should completely change into black from yellow.

5. Shelf life and storing conditions:

Before use: The Bowie-Dick test packs are having a shelf life of five years under recommended conditions (refer to carton). Storage room should be dark, dry and kept clean from dust.

After use: The chemical indicator after use can be stored for a minimum of ten years, under recommended storage conditions.

6. Limitation of liability:

Famos GmbH is not liable for any loss and/or damage arising from the unsuitable use of this Bowie-Dick Test Pack.

Bowie-Dick Test Pack Indicator Read Out

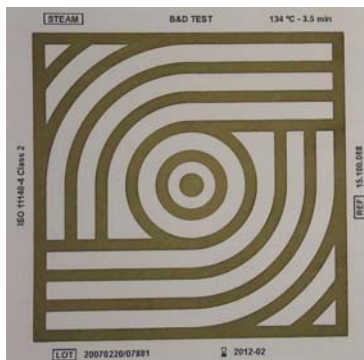


Original colour

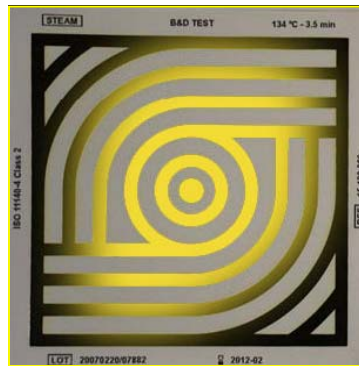


Correct colour change

Examples of failures:



Temperature too low



Insufficient vacuum/penetration



Small air/gas collection

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