

### 1. About BDPACK

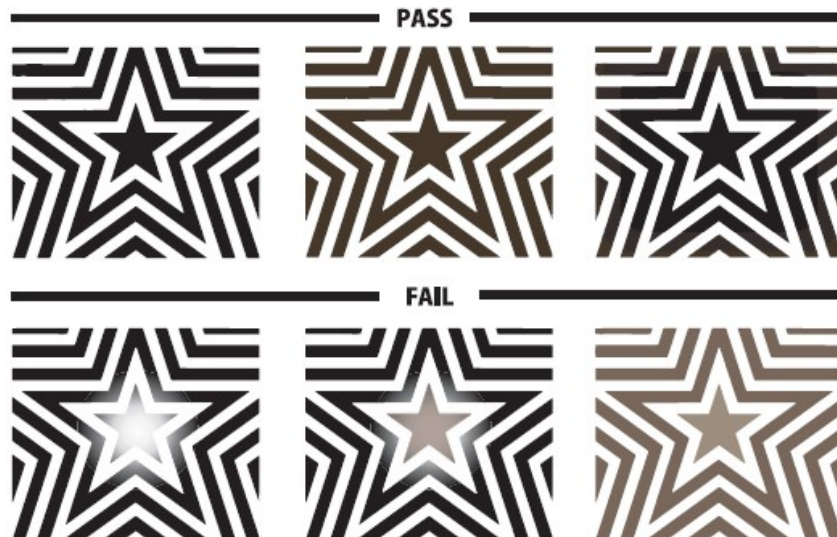
BDPACK is a single use Bowie & Dick test pack complying with international standard ISO11140-5 Type 2. The Bowie & Dick test is the test to verify whether the air removal cycle and steam penetration are properly achieved in the pre-vacuum cycle of the steam sterilization process in a sterilization chamber.

### 2. How to use

- (1) Start the sterilizer to preheat the sterilization chamber before the test.
- (2) Place the BDPACK on the tray or basket which is 100mm to 200mm above the steam/water drain located at the lower part of the sterilization chamber.
- (3) Operate the sterilizer at 134C for 3.5 min / 121C for 15.0 min
- (4) Remove the processed BDPACK from the sterilization chamber. Open the pack and take out the indicator sheet to check the color of the indicator. Do not leave the indicator in the pack for a long time.

### 3. Interpretation of the results

Interpret the result by checking the color change of the indicator sheet. With the proper cycle, most of the center area of the indicator sheet evenly changes from white to black or blackish brown. The ineffective pre-vacuum, air-leak, or NCG(Non condensable gas) in the supplied water can lead to the fail results. The examples below show the PASS cycle and FAIL cycle. If the center area does not change color to black/blackish brown or the whole area is light, it means FAIL result.



### 4. Other cautions for use

- (1) BDPACK is a single use pre-assembled test pack.
- (2) Do not use the pack if the pack is unintentionally opened or broken.
- (3) Please take care of the heat when taking out the aluminum pack after the sterilization cycle.
- (4) For more precise interpretation of the result, please take the indicator out of the pack immediately after the cycle to prevent the effect of the residual heat.
- (5) Please keep the products in a closed box in a clean room, away from direct sunlight, high humidity and high temperature. The processed indicators for records should be stored in the same manner.
- (6) The Bowie & Dick test is the test to verify whether the air removal cycle and steam penetration are properly achieved in the pre-vacuum cycle of the steam sterilization process in a sterilization chamber. It is not to be used for monitoring process or detecting the sterilization conditions. Bowie & Dick test is not suitable for sterilization assurance monitoring.

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