



Product Technical Data Sheet

Form No.: FTP-126 Rev.: E

Product Name: Green Card S/T Bowie-Dick Test Card

Product Type: Bowie-Dick Indicator

SteriTec Reorder No.: BD 117

Description: The SteriTec Green Card S/T Bowie-Dick Test Cards are designed as an environmentally safe lead free method for daily monitoring of pre-vacuum steam sterilizers to detect air leaks, inadequate steam penetration and vacuum pump failures. The Green Card S/T is designed to simulate a large towel pack as defined by ISO 11140-4 test methods for detecting temperature drops and the presence of air. The card is placed in a Test Card Holder, the holder is then placed in the sterilizer in the most difficult to sterilize area. A sterilization cycle for 3.5 minutes at 134°C is run.

Performance Characteristics:

If no appreciable air is present in the sterilizer chamber after vacuums are drawn, the steam will penetrate to the middle of the test card and turn the indicator sheet a uniform green color. If a small amount of air is present, sufficient to cause a 2° C temperature drop in the middle of an ISO 11140-4 bowie-dick towel pack, the air will migrate to the middle leaving the center of the card a purplish color rather than uniform green.

Color Change: Indicator Card – Purple to Green for complete change and no air leak

Critical Parameters: (in a standard pre-vacuum steam sterilizer)

3.5 minutes at 134°C with no air leaks

Stated Values: (Not applicable for bowie-dick test)

Indicator Stability: Before and After Exposure = Excellent

Physical Characteristics:

Dimensions: 3.5" X 1.8"

Substrate Material: EXLP Blotter Paper

Quantity / Bag: 30

Bags / Case: 4

Cases/Cartons: 8

Selling Unit: Carton

Environmental Limitations:

Storage: 32° - 104°F (0° – 40°C) at 10 - 60% humidity when stored in the ziplock bag provided.

Shelf Life: 3 years from date of manufacture

FDA 510(k) Release to Market Date: None. Not released for US market.

Standards Classifications:

ISO 11140-1:2005, Class 2

ISO 11140-4:2007

ITEM: SteriTec Green Card S/T Bowie-Dick Test Card, BD 117

PRODUCT TECHNICAL DATA SHEET, FTP-126

Change History

CO Number	Rev	Change Description	Date Released
1537	E	Updated standards for ISO 11140-4:2007.	06/20/2007