



Product Technical Data Sheet

Form No.: FTP-148 Rev.: C

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

Product Type: Bowie-Dick Indicator Kit

SteriTec Reorder No.: BD 118

Description: The SteriTec Green Card S/T – Starter Kit consists of one box of Green Card S/T Bowie-Dick Test Cards and one Test Card Holder. 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 is designed to simulate a towel pack as defined by ISO 11140-4:2007 and meets the 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: Purple to Green for complete change and no air leak

Critical Parameters: (in a standard steam prevacuum sterilizer)
3.5 minutes at 134°C with no air leaks

Stated Values: Not applicable for Bowie-Dick tests

Indicator Stability: Before and After Exposure = Excellent

Physical Characteristics:

Dimensions: Indicator Card: 3.5" X 1.8"; Test Card Holder: 3.75" X 5.5" X 1.25"

Material: Indicator Card: EXLP Blotter Paper; Test Card Holder: Anodized Aluminum

Color: Test Card Holder: Green

Quantity / Box: 31 tests and 1 Holder

Boxes / Case: 8

Selling Unit: Case

Environmental Limitations:

Storage: 50° - 100°F (10° - 38°C) at 10 - 60% humidity when stored in the ziplock bag provided.

Shelf Life: The expiry date is printed on the product packaging.

FDA 510(k) Release to Market Date: None. Not released for use in the USA.

Standards Classifications:

ISO 11140-1, Class 2

ISO 11140-4