



## Product Technical Data Sheet

Form No.: FTP-093 Rev.: E

**Product Name:** SteriTec Steri-Pak Kit LF  
Sub-Trans Bowie-Dick Test Pack

**Product Type:** Bowie-Dick Indicator

**Reorder Number:** BD 109/S-T

**Description:** Steri-Pak Kit LF Sub-Trans Bowie-Dick Test Packs 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 Steri-Pak Kit LF Sub-Trans Test Pack is designed to meet the ISO 11140-4 test methods for detecting temperature drops and the presence of air in sub-atmospheric and trans-atmospheric steam sterilization cycles. The test pack is placed in the sterilizer in the most difficult to sterilize area and run through a sterilization cycle for 3.5 minutes at 134°C. A kit consists of several blotter sheets, and 30 test sheets packaged in a box. The correctly assembled test pack simulates the resistance of a Bowie-Dick test pack.

### 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 pack and turn the indicator sheet a uniform black color. If a small amount of air is present, the center of the sheet will display a bluish color rather than a uniform black.

**Color Change:** Blue to Black with no air leak

**Critical Parameters:**(in a standard hospital pre-vacuum steam sterilizer)  
3.5 minutes at 134°C

**Stated Values:** (as determined in a steam resistometer)  
Not Applicable for Bowie-Dick test packs

**Indicator Stability:** Excellent before and after sterilization

### Physical Characteristics:

Each kit consists of two sets of blotter cards and 30 indicator sheets. One indicator sheet is placed in the middle of a blotter card set to form a test pack. The test pack is then placed in the kit holding frame (REF BD 105) and clamped. Blotter card sets can be used for 15 test runs. The Cover Card has numbers designating each time the set has been tested. The test run number is marked off after each use.

**Dimensions:** 5.6875" X 4.5"

**Indicator Substrate Material:** 80 lb Cover

**Quantity / Box:** 30 indicators and 2 blotter card sets

**Boxes / Case:** 16

**Accessories:** Test Pack Holding Frame (REF BD 105) sold separately

**Selling Unit:** Case

### Environmental Limitations:

**Storage:** 50° - 100°F (10° - 38°C) at 10 - 70% humidity. After exposure to a steam sterilization cycle, do not expose to light sources for extended periods of time.

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

**FDA 510(k) Release to Market Date:** None. Not for distribution in US.

### Standards Classification:

ISO 11140-1, Class 2

ISO 11140-4