

Product Name and Code:

Bowie-Dick Test Pack – **LBD10**

Product Description:

The LISTER Bowie-Dick Type Test Pack consists of a lead-free steam-sensitive chemical indicator test sheet positioned in a package of layered porous materials. The porous materials are paperboard sheets that have moisture-impervious plastic layers at the top and bottom. These materials are wrapped in a non-woven, disposable wrap secured with a lead-free steam indicator label.


The test sheet consists of a lead-free chemical indicator printed on paper as a yellow-colored diagonal pattern and is positioned near the center of the porous pack. The primary test sheet will turn a uniform grey/black color, except when air removal failures such as air leaks occur. An air removal failure is indicated as a lighter-colored area near the center of an otherwise dark-colored test sheet.



Indications for use:

The LISTER Bowie-Dick Type Test Pack is designed for testing air removal efficiency of the vacuum-assisted steam sterilizer after a warm-up cycle at the beginning of every day. The recommended sterilization parameters are 132~135°C, 3~3.5mins.

Performance characteristics:

Interpretation of Results	Illustration
<p>Promptly remove the test pack from the sterilizer after completion of the cycle. Once processed, the indicator ink on the label will change from yellow to grey or black. Allow the test pack to cool; retrieve and examine the test sheet.</p> <p>Pass – A satisfactory test result is indicated by a test sheet that shows uniform dark brown/black color development. A uniform color change result indicates rapid steam penetration, adequate air removal, and lack of significant air leaks.</p> <p>Fail – An unsatisfactory test result is indicated by a test sheet that shows non-uniform color development with a lighter-colored area in the indicator ink pattern, usually near the center of the test sheet. A non-uniform color change result indicates incomplete air removal from the chamber or failure of the sterilizer to hold a vacuum</p>	 <p>The illustration shows four test sheets arranged in a 2x2 grid. The top-left sheet is labeled 'Unprocessed' and shows a yellow diagonal pattern. The top-right sheet is labeled 'Pass' and shows a uniform black diagonal pattern. The bottom-left and bottom-right sheets are both labeled 'Fail' and show a diagonal pattern with a lighter-colored area in the center. Each sheet has a label with 'Equipment Operator' and 'Date Result' fields.</p>

TECHNICAL DATA SHEET



during the test cycle.

Technical information:

Weight of PCD

100g / bag

Period of validity

36 months

Dimensions

11.5 cm×12.5 cm

Compliance:

ISO 11140-1:2014 Sterilization of health care products-Chemical indicators-Part 1: General requirements.

Package:

100PCS/CTN

Version: 20241209