

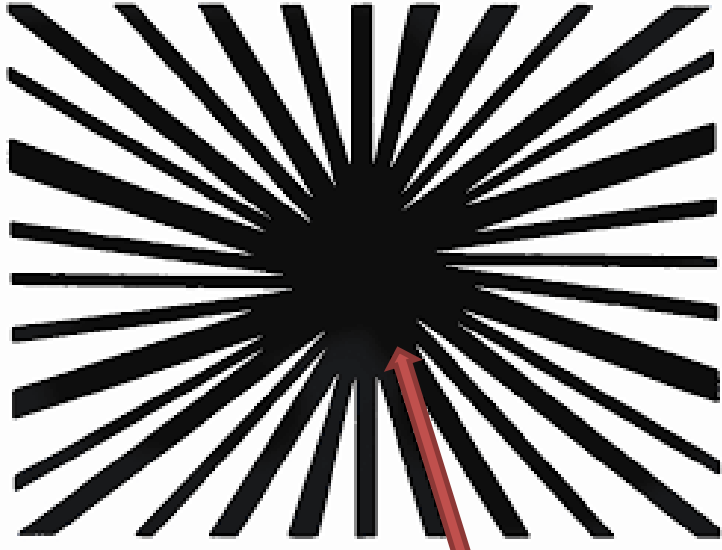


**Instructions for Use:** Bowie-Dick Test Pack

<b>Brand Name of Product</b>	Steri-Pak Steam Bowie-Dick Test Pack
<b>Generic Name of Product</b>	Bowie-Dick Test Pack
<b>Product Code Number(s)</b>	BD 111
<b>Purpose of Product</b>	The Steri-Pak Bowie-Dick Test Pack is designed for daily monitoring of pre-vacuum steam sterilizers operating at 132°C (270°F) for 3.5 minutes to detect the presence of residual air. Residual air can defeat pre-vacuum steam sterilization. The Test Pack also functions in pre-vacuum steam sterilizers that list the Bowie-Dick test at 4 minutes.
<b>Range of Applications for Product</b>	
<b>Key Specifications of Product</b>	<p><b>Color change:</b></p> <ul style="list-style-type: none"> <li>The indicator sheet will change from blue to black when exposed to steam sterilization cycle with acceptable vacuum cycles.</li> </ul> <p><b>Critical parameters:</b></p> <ul style="list-style-type: none"> <li>Steam sterilization cycle functioning at 132°C for 3.5 minutes.</li> </ul>

<b>Shipping &amp; Storage</b>	
<b>Shipping Conditions &amp; Requirements</b>	
<b>Storage Conditions</b>	<ul style="list-style-type: none"> <li>Store the Bowie-Dick Test Pack at 10°C-38°C (50°F-100°F) and at 10-70% R.H.</li> <li>Store exposed indicator sheets away from light sources to retain the original color change results.</li> </ul>
<b>Packaging Contents</b>	
<b>Shelf Life</b>	36 months from date of manufacture. The expiry date is printed on the product packaging.

<b>Instructions for Using Product</b>	
<b>Description of Use (s)</b>	Designed to give visual indication that sterilizing conditions were met in pre-vacuum steam sterilization.
<b>Preparation for Use</b>	

<b>Diagrams (drawings, pictures)</b>	 <p><b>After Exposure- Passed Test Black Ink Indicates Passed</b></p>
--------------------------------------	---



**After Exposure- Failed Test Blue Ink Indicates Failure**

<b>Steps for Use of Product</b>	<ol style="list-style-type: none"> <li>1. The Bowie-Dick test is conducted each day in an empty sterilizer prior to processing any load.</li> <li>2. The sterilizer should be fully heated to operating temperature before running the Bowie-Dick test even if a short “warm-up cycle” is performed before running the test.</li> <li>3. Place test pack flat on the bottom rack, near the drain – the coolest place of the empty sterilizer. The Test Pack should read “THIS SIDE UP” when placed correctly.</li> <li>4. Run a pre-vacuum steam sterilization cycle as specified by the sterilizer manufacturer. The test should be run for 3.5 minutes at 132°C (270°F). The cycle time must never exceed 4 minutes. A short dry time of 2 to 5 minutes will not affect the test.</li> <li>5. Remove the test pack from the sterilizer and allow the pack to cool.</li> <li>6. Pull easy open zip tab across box front to open.</li> <li>7. Remove the indicator sheet from the middle of the test pack. The indicator sheet is easy to find. Look for a black section printed on two edges.</li> <li>8. If the indicator sheet is still warm upon removal from the pack, DO NOT PLACE ON A COLD SURFACE. The indicator may return to its original color if a cold surface is encountered prior to indicator equilibrium. Place the warm indicator sheet on a room temperature item, such as a towel, to slowly cool and equilibrate.</li> <li>9. Examine the indicator sheet for any change or variation in color. If no significant amount of residual air is present, the indicator sheet will show a uniform black color change. If the indicator sheet shows a blue color in the center, this indicates the present of residual air.</li> <li>10. Date the indicator sheet, identify the sterilizer, and save the test sheet for file records. Report any residual air indications to the department supervisor.</li> </ol>
<b>Interpretation of Results</b>	<ul style="list-style-type: none"> <li>• A sterilizer that is functioning normally should demonstrate a uniform black color on the indicator sheet throughout the entire pattern.</li> <li>• When a significant amount of residual air is present, the chemical indicator sheet typically has a blue area in the center. If evidence of residual air is found, it is recommended that the test be repeated to assure that the sterilizer was warmed-up and no abnormalities were present in the single test cycle.</li> </ul>
<b>Contraindications of Test Results</b>	
<b>Documentation</b>	
<b>Special Warnings and Cautions</b>	The test pack will be hot and should be opened carefully to avoid thermal injury.
<b>Disposal</b>	Dispose of or recycle remaining pack materials.

**Reprocessing Instructions**

<b>Point of Use</b>	
<b>Preparation for Decontamination</b>	
<b>Disassembly Instructions</b>	
<b>Cleaning – Manual</b>	
<b>Cleaning – Automated</b>	
<b>Disinfection</b>	
<b>Drying</b>	

<b>Maintenance, Inspection, and Testing</b>	
<b>Reassembly Instructions</b>	
<b>Packaging</b>	
<b>Sterilization</b>	
<b>Storage</b>	
<b>Additional Information</b>	

<b>Related Healthmark Products</b>	Steam Sterilization Integrators, Steam Sterilization Monitors
<b>Other Product Support Documents</b>	Steriking™ Sterilization Products Brochure, Steriking™ Sterilization Products Price List
<b>Reference Documents</b>	SteriTec Product Technical Data Sheet
<b>Customer Service Contact</b>	Healthmark Industries Company, Inc. 18600 Malyn Blvd. Fraser, MI 48026 1-586-774-7600 <a href="mailto:healthmark@hmark.com">healthmark@hmark.com</a> <a href="http://hmark.com">hmark.com</a>