Bowie and Dick Test Pack

Description:

Bowie and Dick test pack consists of a series of steam penetration (air removal) barriers in the center of which is a chemical indicator sheet. During processing, the cycle must remove or displace the air from within the barrier material, and replace it with steam through the pack. A uniform color change from Blue to Pink indicates adequate steam penetration.

Application:

Using the single use Bowie and Dick test pack allows for performance of steam penetration testing in an effective and simple way on a daily basis. The test pack should be placed into an empty autoclave chamber and processed using the recommended autoclave program. A vacuum cycle of 134°C for 3.5 minutes is recommended as per the ANSI/ AAMI/ ISO 11140 standards. The Bowie and Dick test pack verifies that the pre-vacuum autoclave effectively removes air. The test itself provides repeatable, reliable, accurate results and is non-reversible making documentation of the verification safe and easy.

Features and Benefits:

1. Conforms to EN867-4 (The European standard for alternative BD Tests) and ANSI/AAMI/ ISO 11140-4
2. Manufactured in an ISO 13485 compliant facility
3. Test pack is non-toxic and indicator is free of lead and other heavy metals
4. Distinct non-reversible color change from Blue to Pink
5. Barrier material made from 99% recycled paper
6. Robust, easy to handle construction
7. Does not retain heat
8. Convenient exterior Cl dot to allow for distinguishing processed from un-processed test packs
9. No preferential route of steam entry, can be placed either way in autoclave
10. Single use/ disposable
11. Non-hazardous products according to OSHA
Bowie and Dick Test Pack  LA969

Directions for Use (as printed on each pack):

1. Warm up sterilizer/autoclave with an empty chamber run
2. Put Bowie and Dick single test pack horizontally in the sterilizer/autoclave
3. Start the test run (recommended 134°C for 3.5 minutes)
4. After test run is completed, remove the test pack immediately from the chamber
5. Open the test pack, take out the test sheet, examine and document result
6. Compare the indicator’s colour shade at the edge of the test sheet with the indicator color in the middle of the test sheet. If the sterilization cycle is effective, the indicator color changes completely and uniformly from blue to pink. If the sterilization cycle is not effective, the color change will be incomplete and not uniform. In this case, check the sterilizer/autoclave.