

TECHNICAL DATA SHEET

BOWIE&DICK TEST SHEET

- PRODUCT CODE** : **BD 5090**
- RELATED STANDARDS** : PMSSteriTest Bowie Dick Test Sheet fulfill the performance requirements of ISO 11140-4. Indicator used is classified as Type 2 according to ISO 11140-1 standard. CE marking is not applicable for indicator products, because this product is not considered as medical device under the clause of the Medical Device Regulation (EU) 2017/745.
- INTENDED USE** : Bowie Dick Test Sheet are designed for daily monitoring of air removal and steam penetration in pre-vacuum steam sterilizers. The Bowie-Dick test packs provide immediate visual evidence of inadequate air removal or air leak , vacuum pump failures, presence of non-condensable gases, high temperature, steam penetration, wet steam problems.
- OPERATION CONDITIONS** : Bowie Dick Test Sheet are designed to operate in pre-vacuum steam sterilizers at 134 °C 3,5 minutes operation conditions. The color change should be checked with the sheet in the back of packaging to show if the parameters have been reached.

Before Sterilization



After Sterilization



- CHEMICAL COMPOSITION** : The sterilization indicator used in printing contains following components in ppm levels.
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|--------------------|---------|--------------------|
| Isopropyl Acetate | % 15-20 | (CAS # 108-21-4) |
| Isopropyl Alcohol | % 15-20 | (CAS # 67-63-0) |
| Glycol Ether | % 1-5 | (CAS # 107-98-2) |
| Lead Carbonate | % 15-20 | (CAS # 1319-46-6) |
| Barium Thiosulfate | % 5-10 | (CAS # 35112-53-9) |
- Contains no substance classified as hazardous in concentrations, which should be taken into account according to EC directives.
- PRODUCT SPECIFICATIONS** : 210 mm x 297 mm white filling paper and 1 indicator printed in middle of test sheet.
- PACKAGING** : 250 sheets in cardboard.



PMSSteriTest™