

## GENERAL DESCRIPTION

---

The Verify S3098 Bowie-Dick Test Card consists of a card printed on one side with bars of chemical indicator ink. On the opposite side of the card, space is provided for critical cycle information to be recorded. The card is laminated inside a thin clear plastic enclosure. The enclosure has two holes in it to allow air removal and steam penetration. The Verify Bowie-Dick Test Card is 3-1/4" (80 mm) long and 2-1/2" (65 mm) wide. Each box of Verify Bowie-Dick Test Cards contains 31 cards.

## APPLICATION

---

The Verify Bowie-Dick Test Card is a preassembled test to evaluate the effectiveness of air removal from the sterilizer chamber during a single prevacuum pulse steam sterilizer cycle. The Verify Bowie-Dick Test Card is designed for use in a 132°-134°C (270°-273°F) prevacuum cycle with an exposure time of 3-1/2 to 4 minutes. Following a prevacuum cycle, the chemical bars of the Bowie-Dick Test Card uniformly darken indicating that residual air has been sufficiently removed to allow complete steam penetration into the test card. If air is trapped in the card during the exposure phase of the cycle, the color change of the bars will be incomplete or uneven. Thus the card can provide an immediate indication of inadequate removal of air during a cycle. The card may be kept as a permanent record after the cycle.

## FEATURES

## BENEFITS

---

Bowie-Dick type test.	A nonuniform color change provides an immediate indication of inadequate air removal from the sterilizer chamber during the cycle.
The test card is preassembled.	Consistent quality is maintained, and no material or labor resources are required to prepare the test card at the point of use.
The test card is lightweight and compact.	Eliminates the need for bulky towels.
Space is provided for basic cycle information to be recorded.	Facilitates recording of the sterilization I.D., date, and operator.
The test card is retained as a permanent record after the cycle.	Test card usage does not generate any medical waste materials requiring disposal.
Packaged in plastic storage boxes.	The boxes provide convenient, permanent storage for approximately 2 months of processed cards.
Lot number and expiration date on each storage box.	Traceable results and valuable documentation.

## TECHNICAL PROPERTIES

---

**Bowie-Dick type test:** preassembled test card to evaluate the effectiveness of air removal from the chamber of a steam sterilizer

**Record card size:** approximately 3-1/4" x 2-1/2" (80 mm x 65 mm)

## DIRECTIONS FOR USE

---

The Verify Bowie-Dick Test Card should be used each day, before the first sterilization cycle, and after the sterilizer jacket has reached its operating temperature. The Verify Bowie-Dick Test Card should be placed in an otherwise empty chamber. The test card should be placed in a Verify S3096 Test Card Holder on the lowest shelf over the sterilizer drain, with the chemical indicator bars of the test card facing up. Run a standard prevacuum cycle using the following parameters: one prevacuum pulse, exposure temperature 133°C (272°F), and exposure time 3-1/2 to 4 minutes. After the cycle, remove the Verify Bowie-Dick Test Card from the sterilizer chamber. Observe the chemical bars on the test card. All of the chemical bars will have darkened to a uniform brown color. If the test was successful. If air was trapped in the card during the exposure phase of the cycle, the color change of the bars will be incomplete or uneven. Thus the card can provide an immediate indication of inadequate removal of air during a cycle. Complete the reference information at the back of the Verify Bowie-Dick Test Card. The test card may be kept as a permanent record after the cycle. If the filler material is removed from the test card storage box, the box will hold up to 2 months of processed cards. It is recommended that the processed cards be stored chronologically behind the "PROCESSED CARDS" index in the storage box.

## STORAGE CONDITIONS

---

Verify Bowie-Dick Test Card should be stored below 24°C (75°F) under dry conditions.

## SERVICE

---

### Sales

Service is one of the most important assurances for consistent quality performance of your operation. STERIS will tailor a service program for your facility that will provide effective, trouble-free operations.

### Technical

STERIS is pleased to provide a completely staffed and equipped technical service laboratory capable of performing needed tests and providing both telephone and on-site assistance when needed. STERIS will provide you with more details on how this service can benefit your particular situation.

## ORDERING INFORMATION

---

Description	Quantity Per Box	Reorder Number
Verify Bowie-Dick Test Card for Single-Pulse Prevacuum Steam Sterilizers	31	S3098
Verify Bowie-Dick Test Card Holder	1	S3096
Verify Marker Pen (Black)	6	8019

---

### For further information, please contact:



STERIS Corporation  
5960 Heisley Road  
Mentor, OH 44060-1834 ■ USA  
440-354-2600 ■ 800-444-9009  
[www.STERISLifeSciences.com](http://www.STERISLifeSciences.com)