



## Product Technical Data Sheet

Form No.: FTP-045 Rev.: D

### Product Name: SteriTec Steri-Vapeur 18 Emulator

**Product Type:** Chemical Emulator

**Reorder Number:** CI 117

**Description:** The SteriTec Steri-Vapeur 18 Emulator provides an integrated response to steam sterilization at 134° C for pre-vacuum sterilizers operating for 4 minutes, and 18 minutes or longer. The Steri-Vapeur gives a visible confirmation of the attainment of sterilization conditions at the location within the sterilizer chamber for the specified times.

#### Performance Characteristics:

The indicator has two different timing indicator inks printed on each indicator. The user can determine:

1. If both of the indicator spots turn green, the Steri-Vapeur has been subjected to a steam sterilization process for 18 minutes or longer.
2. If only the 4 MIN indicator spot turns green, sterilization conditions were met for 4 minutes or longer.

**Color Change:** Purple to Green.

**Critical Parameters:** (in a standard hospital steam pre-vacuum sterilizer)  
18 MIN = 18 minutes (-1/+0 min.) at 134° C (-1°/+0° C)  
4 MIN = 4 minutes (-1/+0 min.) at 134° C (-1°/+0° C)

**Stated Values:** (as determined in a steam resistometer)  
18 MIN = 19 minutes (-1.25/+0 min) at 134° C (-1°/+0° C)  
4MIN = 6.5 minutes (-1.5/+0 min) at 134° C (-1°/+0° C)

**Indicator Stability:** Before and After Sterilization = Excellent

#### Physical Characteristics:

**Lamination:** Top and Bottom  
**Dimensions:** 3.4375" L X 1" W  
**Indicator Substrate Material:** Print Blotter  
**Quantity / Bag:** 200  
**Bags / Case:** 16  
**Selling Unit:** Case

#### Environmental Limitations:

**Storage:** 32° - 104° F (0° - 40° C) at 10-60% humidity. Store in re-sealable moisture barrier bag provided.

**Shelf Life:** 3 years from date of manufacture

**FDA 510(k) Release to Market Date:** None. Not released for distribution in USA.

#### Standards Classifications:

4 MIN  
ISO 11140-1, Class 4

18 MIN  
ISO 11140-1, Class 6