



Product Technical Data Sheet

Form No.: FTP-045 Rev.: F

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)
4 MIN = 4 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: 50° - 100°F (10° - 38°C) at 10 - 60% humidity. Store in re-sealable moisture barrier bag provided.

Shelf Life: The expiry date is printed on the product packaging.

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