

## Vapor Line® Fail/Pass Steam Sterilization Integrators



The Vapor Line® integrator is a chemical indicator for monitoring the essential conditions of steam sterilization processes - saturated steam, temperature, and time in gravity displacement and pre-vacuum sterilizers operating in the 250°F - 272°F temperature range.

The integrator is designed to show equivalence in performance to biological indicators. During sterilization, the dark colored bar migrates along a paper wick through PASS and FAIL areas, indicating whether the sterilization conditions were met. The PASS result assures that conditions in the sterilized pack were sufficient to kill even the most resistant forms of microorganisms plus an "overkill period" - a safety zone beyond the spore death curve for an additional level of sterilization security.

Vapor Line® Integrator meets requirements for Class 5 Indicators according to AAMI/ISO 11140-1:2005.

US Patents 5,158,363; D347,585



Reorder No.	Description	Packaging
26900825	With extender, 22.9 cm x 2.2 cm, 9" x 7/8"	250 integrators per pouch
26900925	Without extender, 5.1 cm x 2.2 cm, 2" x 7/8"	250 integrators per pouch
26900510	Without extender, 5.1 cm x 2.2 cm, 2" x 7/8"	100 integrators per pouch

### Vapor Line® with Extender

The extender is recommended as an aid for secure sterile presentation. The right end of the extender contains a color reactive ink imprint. This end is left protruding from the contents. After processing, when the pack is opened for use, the indicator color change can be seen if it changed to dark. The entire integrator may then be removed safely and examined to see if the dark column has migrated into the PASS area before the pack is disassembled.