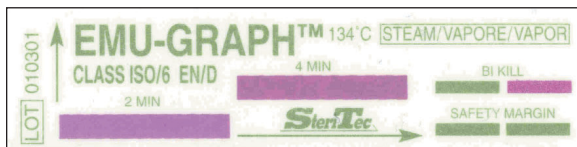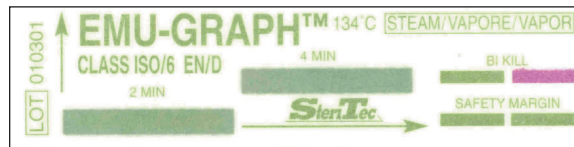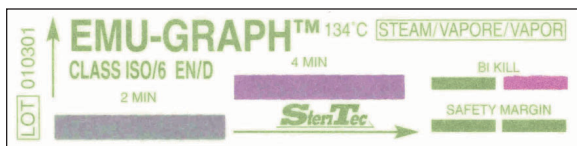# EMU-GRAPH™
INTERPRETATION GUIDE

UNEXPOSED

Emu-Graph emulators are designed to change color from purple to green when all parameters for steam sterilization…time, temperature and the presence of saturated steam…are met.

FULLY PROCESSED

If the second bar has changed completely to green, full processing is indicated.
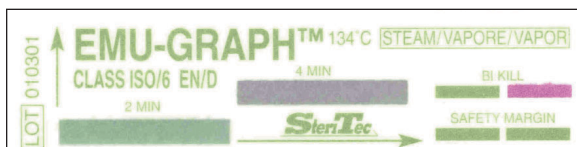
INSUFFICIENT COLOR CHANGE

If the first bar is only partially changed (gray) or if some purple remains, it is an indication that exposure to sterilization conditions was insufficient
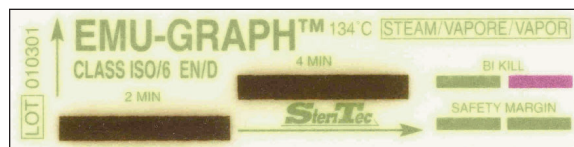
WET STEAM, EXCESS CONDENSATE

If the purple or green indicator color appears blurry and the plastic laminate is severely bubbled or wrinkled, wet steam or excess condensate is present

HALF-CYCLE COLOR CHANGE

When the first bar is changed completely to green, but the second bar has not completed its color change, it signifies that conditions have been met that would normally kill biological indicators, but overkill conditions of 10^{-6} Sterility Assurance Levels or full cycle conditions have not yet been met.

DRY (SUPERHEATED) STEAM

When the indicator bars turn a dark brown, it is a sign of superheated steam.