PROLINE

ProLine is a Biological Indicator system designed for use in the validation or monitoring of sterilization cycles of tubing ranging from 1/8" to 5/8" tubing ID. The *ProLine* PCD (Process Challenge Device) contains a filter paper disc inoculated with bacterial spores of *Geobacillus stearothermophilus* (for Steam) or *Bacillus atrophaeus* (for EO). The spore disc is packaged in a glassine envelope and is located in the center of the *ProLine* housing. If adequate sterilant penetration occurs, the spores on the disc will be deactivated and verify an adequate sterilization cycle.

Assembly: For a given length of tubing, the most difficult area to be sterilized is the mid-point of the tubing length. This is where the *ProLine* device must be placed. To do this, a representative piece of tubing should be cut at its mid-point. The two half lengths should now be attached to the *ProLine* device by slipping one end of each cut length of tubing over the tapered ends of the *ProLine* device. The *ProLine* device is now located in the most difficult area of the tubing to sterilize.

Use and Placement: The *ProLine* system with its two attached lengths of tubing should now be placed in the sterilizer along with a normal load being processed where tubing would normally be included.

Post Sterilization Testing: Once the sterilization cycle is completed, the *ProLine* and attached lengths of tubing are removed from the sterilizer chamber and transferred to an area where an aseptic transfer of the spore disc to growth media can be performed. To do this, grasp both sides of the *ProLine* device and break the chamber open exposing the glassine packaged spore disc. The spore disc must now be transferred aseptically to a tube of sterile TSB (Tryptic Soy Broth) and incubated for Growth/No Growth testing. The opened *ProLine* device halves can now be discarded as the device is a "**single use only**" product.

Catalog #'s PL-3-6-15 for Steam (log 6), PL-1-6-15 for EO (log 6)

Other populations available upon request

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