

VeriCure



quality control for CIPP liner cure

VeriCure monitors cure temperature continuously along a CIPP liner during installation, helping ensure the host pipe is rehabilitated to specification and performs as intended. Designed to distinguishing localized thermal variations, VeriCure takes readings every inch and averages them into 18" measurement zones—a spatial resolution at least seven times that of other technologies. VeriCure makes it affordable to prevent lifts, delamination, over-tensioning and environmental contamination.

During liner cure, infiltration and other heat sinks can cause resin exotherm to occur non-uniformly with respect to time and distance. For this reason, measuring temperature at a liner's endpoints provides no assurance that cure has happened everywhere between. Even measuring a couple dozen intermediate points can overlook significant regional variations. VeriCure performs continuous measurement, which means that each 18" measurement zone reflects the average temperature across that entire zone.

The software supplied with VeriCure is tailored to CIPP professionals. It delivers real-time data to help you control cure for maximum quality and efficiency, and it summarizes the completed process with a report for the asset owner. In each measurement zone, the software verifies that cure temperature has been met and maintained for the appropriate amount of time, and that cool-down happens at the specified rate. By aggregating this zone data, VeriCure is able to give simple indications of when cure temperature has been reached, and when cure and cool-down are complete. The final data is summarized in a gradient chart whose axes represent time and distance, and whose color represents temperature.

- ✔ *Prevent lifts and other costly failures.*
- ✔ *Achieve full cure with minimal time and fuel.*
- ✔ *Document successful installation for asset owner and consulting engineer.*
- ✔ *Maximize detail with readings taken every inch and averaged into 18" zones.*
- ✔ *Easily comprehend real-time and historical data using software tailored to CIPP professionals.*
- ✔ *Preserve liner's flow characteristics with unobtrusive 3mm probe.*
- ✔ *Enhance measurement reliability with fiber optic probe that use no electronics underground.*

