



Hydra-Loc® Tube Sleeving System

Extend the Life of Corroded or Worn Heat Exchanger Tubes

Key Features

- Faster than conventional expansion techniques
- Sleeve expansion conforms to actual contours

The majority of heat exchanger and condenser tube problems occur within the first 5% of the inlet end of the tube, usually within or directly past the tubesheet. Traditionally, retubing the entire bundle was the only viable option, and partial or total bundle retubing, either in-place or in the shop, can be a costly repair. Hydra-Loc technology can recover the use of eroded or corroded tubes without retubing.

The Hydra-Loc Tube Sleeving System hydraulically expands the sleeve into intimate contact with the tube and locks the sleeve in place. This process is faster than conventional roller expansion techniques.

Expansion pressure is tightly controlled, eliminating damage to the host tube and tube-to-tubesheet joints caused by over-rolling. This hydraulic expansion process allows the sleeve to expand and conform to the actual contours of the host tube end regardless of how eroded the tube has become.



Tubes Before Sleeving



Tubes After Sleeving



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