

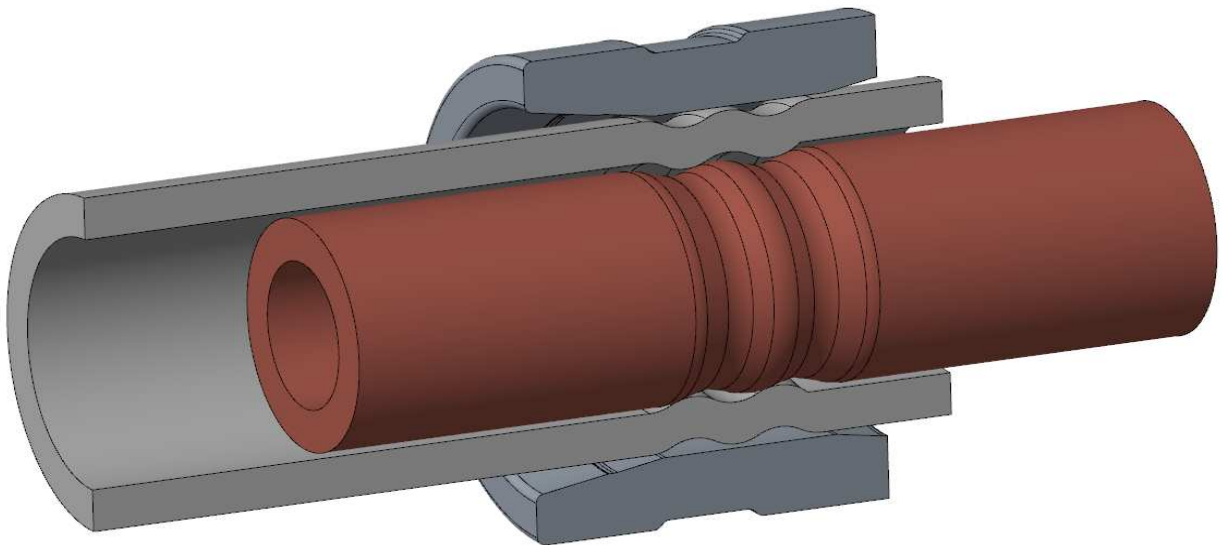
The use of **Lokring** technology, which performs the coupling of pipes through the addition of two items: the connector and the sealing adhesive, has been replacing the traditional brazing process for connecting these pipes to refrigeration systems.

The **Lokring** connection allows the joining of pipes of various materials such as aluminum, copper and steel and can have various applications.

The sealing adhesive is an anaerobic adhesive whose function is to fill the clearances involving the entire tube and to cure (in the absence of oxygen) after locking the connections.

However, the excess in the application of the sealing adhesive may allow it to flow into the piping of the refrigeration system, being cured through the vacuum process and then dragged into the interior of the compressor. This insoluble residue is an undesirable contamination and may compromise the operation and reliability of the compressor as well as the refrigeration system as a whole. The amount and location of the sealing adhesive must be properly specified and controlled in the customer application process in order to do not contaminate the sealed system with residues.

For this reason, Embraco recommends special attention/control in the use and application of this technology.



Technology schematic