



COLD SILVER SOLDER

This is a method of attaching wires to a buried metal pipeline without using typical methods that generate heat on the pipeline during wire attachment.

There is a need to have an alternative to thermo-welding or brazing in specific instances when use of heat related wire attachment is unsafe or undesirable.

ADVANTAGES

- Low resistant electrical connection without welding or heat involved. Uses a magnet and conductive epoxy.
- Fits to any sized pipeline.
- Avoids potential damage if plastic pipe insertion is unknown.
- Can be used when pipe wall thickness is thin.
- No risk of ignition in high risk combustible environments.
- Keyhole compatible installation using the NotHot keyhole applicator tool
- Low profile connection on pipeline reduces risk of soil stress damage to the connection.
- Compatible with a variety of coating patch products.

FEATURES

This alternative method of pipeline wire attachment consists of a pre-manufactured metal saddle constructed with a factory attached silver soldered wire and embedded neodymium magnet. The metal saddle is then placed on the prepared pipeline with conductive epoxy to provide a "cold solder" to further enhance the connection. The strong magnet holds the saddle in place while the conductive epoxy cures. Both provide conductivity.



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