

NotHot™

Cold Solder Connection System

Unique, Effective Way to Install Cathodic Protection Test Lead or Current-Carrying Wires to a Steel Pipeline

Patent 011231303B2



Background

Cathodic protection systems require the attachment of lead wires or cables to buried pipelines and structures to mitigate corrosion. Conventional pipeline attachment systems, such as thermite welding or pin brazing, generate heat during the connection process. However, there are instances where using heat to attach wires or cables may be unsafe or undesirable.

Alternative Attachment

The NotHot Cold Solder Connection system is the answer when an alternative method is required to attach a wire or cable to a buried pipeline. This method consists of a pre-manufactured metal “saddle” constructed with a factory-attached silver soldered wire and embedded neodymium magnet.

The saddle is attached to the prepared pipeline with conductive epoxy. The magnet holds the saddle in place while the conductive epoxy cures. Once cured, the epoxy and magnet provide electrical conductivity.

Advantages & Features

- Simple To Use – Easy to Install
- Low Resistant Electrical Connection to Pipe
- Fits Any Pipeline Size
- Can Be Used on Thin-Wall Pipe
- Avoids Potential Damage to Internal Plastic Liner
- No Risk of Ignition in Combustible Environments
- Keyhole Installation Compatible with NotHot Applicator Tool
- Low Profile Connection Reducing Soil Stresses on Cable Connection
- Compatible with a Variety of Pipeline Coating Repair Patches
- Protective Coatings Can Be Applied Immediately After Installation

Easy Installation

- The NotHot Connector is installed on a prepared pipeline surface – which must be clean, bare metal.
- The conductive epoxy is applied to the NotHot saddle and then placed on the pipeline surface.
- The neodymium magnet holds the connector in place on the pipeline while the conductive epoxy dries.



**For more information about the
NotHot Cold Solder Connection System,
visit FarwestCorrosion.com or call Farwest and order yours today!**



**FARWEST CORROSION
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NotHot PRODUCT CONFIGURATIONS

DOUBLE TEST LEAD KIT	Includes: <ul style="list-style-type: none">• 2 (each) magnetic saddles with 20 feet of #12 AWG solid wire• 1 (each) HMWPE insulation• 2-part conductive epoxy kit (for 2 saddles)
#4 CURRENT CONNECTION KIT	Includes: <ul style="list-style-type: none">• 1 (each) magnetic saddle with a crimp connector for #4 AWG cable (supplied separately)• 1 (each) 2-part conductive epoxy kit (for 1 saddle)
#6 CURRENT CONNECTION KIT	Includes: <ul style="list-style-type: none">• 1 (each) magnetic saddle with crimp connector for #6 AWG cable (supplied separately)• 1 (each) 2-part conductive epoxy kit (for 1 saddle)
KEYHOLE APPLICATOR TOOL	Sold separately for use when installing the NotHot connector in a keyhole pipeline excavation.



About Farwest Corrosion Control

Farwest corrosion Control is an industry pioneer and leader in comprehensive cathodic protection and corrosion control products, services, and solutions to protect critical infrastructure in the gas, oil, water, wastewater, power, marine and construction industries. Services include product distribution and fabrication, turn-key system installation, engineering design, and technical field services. With the largest inventory nationwide, Farwest can provide same-day shipping and one-to-three-day delivery to most areas in the US.

Founded in 1956, the firm is a Minority Business Enterprise headquartered in Downey, CA. Farwest has regional operations nationwide and is known for its outstanding reputation, quality work, technical expertise and customer trust.

Secure Cable Connections with the NotHot Cold Solder Connection System.

Order Your NotHot Kit Today!

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