

PIPELINE SLEEPER GARDS

The Problem:

Metal to metal contact between a pipeline and its support can cause corrosion that will reduce the strength and lifetime of your pipeline. Water can also build up between the pipeline and its support speeding up the corrosion process.

The Solution:

With Step-Ko's Pipeline Sleeper Gards you can eliminate metal to metal contact, moisture penetration, condensation cavities, and crevice corrosion. Step-Ko's Sleeper Gards are also extremely easy to install because of its peel and stick pads.

Benefits:

- Long Lasting Results
- No Costly Replacements
- Easy to Install
- Minimal Surface Preparation
- No Mixing or Set-Up Time
- No Straps or Hot Work
- No Moisture Penetration
- No Condensation cavities
- No Crevice Corrosion

Applications:

- I-Beam supports
- U-Bolt stabilized Beam Supports
- Half Saddle Clamps
- Full Saddle Clamps
- Welded Pipe Supports
- Pipe Racks
- Pipe Hangers



Quick Specifications:

- **Fiberglass reinforced shell with radius to conform to pipe**

Filament wound, fiber reinforced thermo set pipe (FRP)
UV inhibitor mixed in resin matrix

- **DGB adhesive (double sided) applied to shell with exterior release liner**
Modified, acrylic adhesive on both sides of a conformable foam
Factory-applied to interior of the FRP DynaGard®

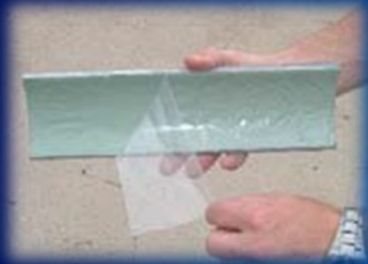
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SLEEPERGARD

INSTALLATION PROCEDURE



SleeperGard consists of a fiberglass composite shell which has been lined with a double sided adhesive layer that serves as a corrosion barrier. **NOTE:** It is important that the SleeperGard fits well. When ordering SleeperGard. The outside diameter of the pipe to be protected should be included along with the length of the SleeperGard required to fully isolate the pipe from the sleeper. Prior to installation, the dimension of the SleeperGard should be checked against the pipe to confirm the fit.

Installation Procedure:

1. Raise the pipe off the sleeper a minimum of 2"
2. Clean the pipe with a wire brush and wipe clean
3. An inspector should inspect the pipe and evaluate any anomalies
4. If the pipe is acceptable, peel the released liner or paper from the interior of the SleeperGard.
5. Center the SleeperGard over the sleeper, Note: Depending on the weight of the pipe, some adhesive will compress out around the edges. This is not a concern. The adhesive contains a composite mesh which will allow the adhesive to flow into any voids and out the edge but will not allow the adhesive to compress to zero. A minimum corrosion barrier is always maintained
6. Once the full weight of the pipe rests on the SleeperGard, the adhesive can be shaped with a putty knife to eliminate any voids or cavities that may collect moisture.



OTHER PRODUCTS..

By Step-Ko

- Flange Protectors
- Nut & Bolt Protectors
- Heat Shrink Sleeves & Tapes
- Solutions For Sealing Pipelines From Corrosion
- Pipeline Pigs
- Insulated Enclosures/Buildings
- Anodes

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