

# SYNTHO-SLEEVE® SYSTEM

## HDD: HORIZONTAL DIRECTIONAL DRILLING



### Problem

A Natural Gas Corporation in the Pacific Northwest had thirty-six field joints on this 12-inch OD gas line which were in need of corrosion and mechanical protection before being pulled.

### Conditions

Crews face numerous challenges, including boring a 400-foot channel for the new 12-inch gas line 25-feet underground.

### Solution

After applying Wrapid Bond™, the corrosion protective inner wrap using a two-inch overlap, the crew followed with 8 layers of Syntho-Sleeve® Outer Wrap which provides mechanical protection against abrasion during pull through. Both the Wrapid Bond and Syntho-Sleeve Outer Wrap were quickly hand applied and the fast cure of the Syntho-Sleeve resin system kept the job rolling.

### Result

Boring damage during pull though can create integrity issues with the field joint coating and an inaccessible line such this is an unacceptable scenario. Syntho-Sleeve provided the added protection to ensure a 100% protected pipe and a successful job. The Syntho-Sleeve System survived the pull-back fully intact.

**The Syntho-Sleeve System** provides both corrosion protection and protects field welded joints on pipelines from the abrasion stresses and scarring of directional drilling and boring. This unique product has a faster setting time, is easier to apply, has a very low profile, is extremely conformable, and is highly impact resistant. The result is a cost effective; long term protection against corrosion with superior mechanical protection.



**“We love your products and we are sold on them for the ease of installation and durability.”**

**~ Supervisor of Construction Services**

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