

# SCAR-GUARD™

## (36) 12" OD FIELD JOINTS

USA, MAY 2010



### Problem

A natural gas corporation located in the Pacific Northwest had 36 field joints on a 12" OD gas line which were in need of corrosion- and mechanical-protection before being pulled.

### Conditions

The crew faced numerous challenges, including boring a 400' (121.9m) below-grade channel for the new 12" gas line 25' (7.6m).

### Solution

After applying Wrapid Bond™, the corrosion protective inner wrap, the crew followed with eight layers of Scar-Guard™ exterior composite reinforced coating to provide mechanical protection against abrasion during pull through. The Wrapid Bond and Scar-Guard were quickly hand-applied, and the fast-cure rate of the Scar-Guard resin system kept the job rolling.

### Result

Boring damage during pull though can create integrity issues with the field joint coatings. Further, damage to an inaccessible line such this is unacceptable. The Scar-Guard system survived the pull-back fully intact, providing protection to the valuable pipe.



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