



CASE STUDY

ARCO PIPELINE

Soil-to-Air Pipeline Protection



Denso Glass Outerwrap is easily applied by hand and requires no special training or equipment.



Denso Glass Outerwrap, which is resistant to water, acid, salts and soil organics.



Denso Glass Outerwrap is a protective coating which offers exceptional mechanical and impact strength for underground and above ground pipes.

Project Data

Location	Houston, Texas
Project Type	Soil-To-Air Pipeline Protection
Products Used	Denso Paste, Densyl Tape & Glass Outerwrap
Client	Arco Pipeline

Overview

The Denso Petrolatum Tape System was applied to the area of Arco's pipeline where it transitions from underground to aboveground known as soil-to-air interface. This area of a pipeline can be very susceptible to corrosion due to the high moisture content, temperature variation, oxygen, pH, bacteria and soil contamination. The Denso Petrolatum Tape System was chosen due to its long history of providing corrosion protection in severely corrosive environments. The surface was prepared and cleaned to SSPC SP 2/3. The Denso Paste was then applied followed with Densyl Petrolatum Tape. The petrolatum tape was then overwrapped with Denso Glass Outerwrap to provide impact and abrasion resistance. The system has been in service for over 18 years and still providing excellent corrosion protection.

The Denso Petrolatum Tape System consists of petrolatum based primer and tape. The tape is composed of a non-woven synthetic fabric carrier that is impregnated with a petrolatum compound and inert siliceous fillers. The Glass Outerwrap is fiberglass cloth impregnated with a water activated polyurethane resin. Denso has protected millions of square feet of steel in a variety of highly corrosive environments.

Benefits

- Densyl Tape has an 85 year proven history of applications
- Can be applied to wet or dry pipe
- Wide service and application temperature capabilities
- Minimal surface preparation SSPC SP2/3 (hand or power tool)
- Can be applied to dissimilar coatings
- Easy application
- UV resistance

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