

VIPER-SKIN™

REGULATED SYSTEM PROFILE



Description

Viper-Skin™ is the first bi-axial, hybrid carbon fiber and moisture-cured polyurethane system that blends the unsurpassed strength and stiffness of carbon with the ease and use of a factory-saturated fiber. A regulated system profile will minimize the paperwork by providing calculations for pipeline sections that are operating within the same parameters. The calculations will determine the number of layers required for various wall loss situations. This will expedite the design process and materials can be obtained more efficiently. If pitting is more extensive than originally anticipated, you will already have the material requirement.

Typical Applications

- Integrity Management
- Corrosion Repair
- Atmospheric Corrosion

Benefits

- Minimize Paperwork
- Complete Design Calculations - Before You Dig
- Pre-determined Material Requirement

System Components

- The following products are components of the Viper-Skin system:
- Load Transfer Epoxy: Syntho-Poxy™ HC
 - Anti-Corrosion Primer: Syntho-Subsea™ LV Epoxy
 - UV protection: Syntho-Coat or Syntho-Glass® UV
 - Compression Film

Design

Viper-Skin was designed to conform to, and is recognized by ASME PCC-2, ASME B31, ISO TS24817, DOT CFR 192 & 195, API570, and CSA Z662 standards and codes for nonmetallic reinforcing solutions. Consult NRI Engineering for specified use.

Warranty

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