VL-50 is a Phenolic base liquid coating. Designed as a coating used for I.D./O.D. applications for metal surfaces including fittings, valves with adhesion values at elevated temperatures and pressures. Optimal environments; salt water, C02, H2S, and petroleum distillates.

Specifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Phenolic base liquid coating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Red/Brown</td>
</tr>
<tr>
<td>Temperature</td>
<td>350°F</td>
</tr>
<tr>
<td>Pressure</td>
<td>To yield strength of pipe</td>
</tr>
<tr>
<td>Applied Thickness</td>
<td>.7—1 mil</td>
</tr>
<tr>
<td>Primary Pipe Size</td>
<td>1”-12”, range 1-2-3</td>
</tr>
<tr>
<td>Primary Applications</td>
<td>Small ID tubulers</td>
</tr>
</tbody>
</table>

Recommended Services:  
- Small ID tubulars
- Complete threads and couplings
- Pump parts
- Fittings
- Injection tubing
- Midstream parts and tubing

Benefits:  
- Exceptional Adhesion
- Exceptional Flexibility
- Exceptional Acid Resistance
- Exceptional Fuel Resistance
- Exceptional Iron Sulfide resistance
- Good Brine Resistance
- Good Abrasion Resistance
- Additional C02 and H2S Protection

Test Parameters and Results:  
- 250 F
- 110 PSI
- Saltwater Brine 42,000 PPM
- 50/50 Toluene: Kerosene mixture
- C02/ Methane Gas 110 PSI
- Direct impact value= 54 in. lb. per ASTM D2794
- Indirect impact value= 12 in. lb. per ASTM D2794

Note: Acidizing the tubing has no adverse affect to our coating if flushed in a reasonable amount of time. Failing to flush chemicals in an reasonable amount of time may jeopardize the life of the coating. Any questions regarding this matter should be directed to a Vulcan Labs representative.