



# VULCANLABS

## VL-50 SPECIFICATIONS

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, CO<sub>2</sub>, H<sub>2</sub>S, and petroleum distillates.

### Specifications

Type	Phenolic base liquid coating
Color	Red/Brown
Temperature	350°F
Pressure	To yield strength of pipe
Applied Thickness	.7—1 mil
Primary Pipe Size	1"-12", range 1-2-3
Primary Applications	Small ID tubulars

Recommended Services:	Benefits:	Test Parameters and Results:
<ul style="list-style-type: none"><li>• Small ID tubulars</li><li>• Complete threads and couplings</li><li>• Pump parts</li><li>• Fittings</li><li>• Injection tubing</li><li>• Midstream parts and tubing</li></ul>	<ul style="list-style-type: none"><li>• Exceptional Adhesion</li><li>• Exceptional Flexibility</li><li>• Exceptional Acid Resistance</li><li>• Exceptional Fuel Resistance</li><li>• Exceptional Iron Sulfide resistance</li><li>• Good Brine Resistance</li><li>• Good Abrasion Resistance</li><li>• Additional CO<sub>2</sub> and H<sub>2</sub>S Protection</li></ul>	<ul style="list-style-type: none"><li>• 250 F</li><li>• 110 PSI</li><li>• Saltwater Brine 42,000 PPM</li><li>• 50/50 Toluene: Kerosene mixture</li><li>• CO<sub>2</sub> / Methane Gas 110 PSI</li><li>• Direct impact value= 54 in. lb. per ASTM D2794</li><li>• Indirect impact value= 12 in. lb. per ASTM D2794</li></ul>

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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.



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