



VULCANLABS

VL-400 SPECIFICATIONS

VL 400 Coating is a thin film coating that containing polyphenylene sulfide (PPS) and a high percentage of polytetrafluoroethylene (PTFE) which are highly cross linked when applied together. PPS is an excellent polymer that provides excellent chemical resistance and abrasion resistance. PTFE is a low friction polymer for a lubricious, non stick surface with outstanding abrasion resistance along with good chemical resistance as well. The two coat system allows the coating to perform well in coefficient of friction, anti-fouling, and other harsh service environments.

Specifications

Type	Water base coating
Color	Brown/Black
Temperature	500°F
Pressure	To yield strength of pipe
Applied Thickness	1.5—2.5 mil
Primary Pipe Size	1"-12", range 1-2-3
Primary Applications	Production tubing, flow lines, casing, pup joints



Recommended Services:	Benefits:	Test Parameters and Results:
<ul style="list-style-type: none"> • Small ID tubulars • Complete threads & couplings • Pump parts • Fittings • Injection tubing • Midstream parts and tubing 	<ul style="list-style-type: none"> • Exceptional Adhesion • Exceptional Flexibility • Exceptional Acid Resistance • Exceptional Fuel Resistance • Exceptional Iron Sulfide resistance • Exceptional Abrasion Resistance • Good Brine Resistance • Additional CO₂ and H₂S Protection 	<ul style="list-style-type: none"> • 500 F • 4000 PSI • Saltwater Brine 150,000 PPM • 50/50 Toluene: Kerosene mixture • CO₂/ Methane Gas 2000 PSI • Direct impact value= 60 in. lb. per ASTM D2794 • Indirect impact value= 14 in. lb. per ASTM D2794

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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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