



# TK™ -44LP

TK™-44LP is the first internal coating specifically engineered for the line pipe market. This coating shares many of the same characteristics as our TK™-70 and TK™-70XT family of coatings - tough, flexible, thick-film coatings that provide good temperature performance along with excellent damage tolerance properties, but geared more towards line pipe environments and cost structure.

For years both TK-70 and TK-70XT have been used successfully in line pipe applications; however, both of these coatings were designed for more aggressive environments than are normally encountered in the line pipe market. To fill the gap between the TK-70 / TK-70XT materials and low cost line pipe coatings we developed TK-44LP.

TK-44LP is a thermoset coating suitable for line pipe applications that contain CO<sub>2</sub>, low concentrations of H<sub>2</sub>S, brine and crude oil. The coating is applied holiday free to line pipe and results in a smooth surface that provides increased hydraulic efficiency and deposit mitigating properties.

## Specifications

<b>Type</b>	Epoxy (Powder)
<b>Color</b>	Red
<b>Temperature</b>	225°F (107°C)
<b>Pressure</b>	To yield strength of pipe
<b>Applied Thickness</b>	10–20 mils (254–508 µm)
<b>Primary Applications</b>	New Line Pipe
<b>Primary Service</b>	Line pipe applications including water handling, salt solutions and crude oil
<b>Limited Service</b>	Low concentrations of H <sub>2</sub> S

