



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 CO₂, low concentrations of H₂S, 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

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