



## Your Tubular Product Specialists

### **SA-213-T9**

Seamless ferritic and austenitic alloy steel boiler, superheater, and heat exchanger tubes.

#### **Chemical Properties:**

Carbon: 0.15 max.      Silicon: 0.25-1.00  
Manganese: 0.30-0.60      Nickel: n/a  
Potassium: 0.025      Chromium: 8.00-10.00  
Sulfur: 0.025      Molybdenum: 0.90-1.10

#### **Mechanical Properties:**

##### **Tensile Strength:**

ksi: 60  
MPa: 414

##### **Yield:**

ksi: 30  
MPa: 207

**Elongation in 2in. or 50mm, min. %: 30**

**Max. Hardness Rockwell B: 89**