



## Your Tubular Product Specialists

### **SA-213-TP321H**

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

#### **Chemical Properties:**

Carbon: 0.04-0.10    Silicon: 0.75 max.

Manganese: 2.00    Nickel: 9.00-13.0

Potassium: 0.04    Chromium: 17.0-20.0

Sulfur: 0.03    Molybdenum: n/a

#### **Mechanical Properties:**

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

ksi: 75

MPa: 517

**Elongation in 2in. or 50mm, min.% :35**

**Max. Hardness Rockwell B: 90**