



ASTM A213 T11 SEAMLESS ALLOY PIPE

ASTM A213 T11 is the part of ASTM A213 Standard Specification for Seamless Ferritic and Austenitic Alloy-Steel Boiler, Superheater, Heat-Exchanger Tubes.

Chemical Composition(%) for ASTM A213 T11 Low Alloy Steel

UNS Designation	K11597
Carbon	0.05-0.15
Manganese	0.30-0.60
Phosphorus	0.025
Sulfur	0.025
Silicon	0.50-1.00
Nickel	...
Chromium	1.00-1.50
Molybdenum	0.44-0.65
Vanadium	...
Boron	...
Niobium	...
Nitrogen	...
Aluminum	...
Tungsten	...
Other Elements	...

Mechanical properties for ASTM A213 T11 Low Alloy Steel

Tensile strength(min)	415Mpa
Yield strength(min)	220Mpa
Elongation	30%
Delivery condition	annealed