



## ASTM A213 T12 SEAMLESS ALLOY PIPE

ASTM A213 T12 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 T12 Low Alloy Steel

UNS Designation	K11562
Carbon	0.05-0.15
Manganese	0.30-0.61
Phosphorus	0.025
Sulfur	0.025
Silicon	0.50
Nickel	...
Chromium	0.80-1.25
Molybdenum	0.44-0.65
Vanadium	...
Boron	...
Niobium	...
Nitrogen	...
Aluminum	...
Tungsten	...
Other Elements	...

### Mechanical properties for ASTM A213 T12 Low Alloy Steel

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