

204-CU STAINLESS STEEL

Type Analysis	
Carbon (Maximum)	0.15%
Phosphorus (Maximum)	0.060%
Silicon (Maximum)	1.00%
Nickel	1.50 to 3.50%
Copper	2.00 to 4.00%
Iron	balance
Manganese	6.50 to 9.00%
Sulfur (Maximum)	.030%
Chromium	15.50 to 17.50%
Molybdenum (Max)	1.00%
Nitrogen	0.05 to 0.25%

Description:

Type 204-Cu stainless steel is a low nickel, copper containing austenitic stainless steel. The high annealed strength is due in part to the nitrogen. The alloy is non-magnetic in the annealed condition and remains that way after cold working.

Type 204-Cu can be used in applications which in the past called for Type 304. It has good resistance to atmospheric corrosion.

Temperature maximum is rated 1400 degrees Fahrenheit.