

# Fidelity Stainless



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## 304 Ornamental Round Tube

### MATERIAL SPECIFICATIONS

PREPARED BY: M POPE

REVISION DATE: 05/25/23

<b>MATERIAL</b>	STAINLESS STEEL ROUND TUBE 304 LENGTH 20'
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<b>SPECIFICATIONS</b>	ALL SPECIFICATIONS WITH LATEST YEAR REVISIONS  ASTM A554                      EN 10204-3.1
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<u>CHEMICAL ANALYSIS</u>	<u>MECHANICAL PROPERTIES</u>
Carbon ( C )                      .08	Tensile Strength                      75 KSI                      517 Mpa
Chromium (Cr)                      18.00/20.00	Yield Strength                      30 KSI                      207 Mpa
Copper (Cu)	Elongation                      35%
Manganses (Mn)                      2.00	in 2 inch
Molybdenum (Mo)	Hardness                      90 HRB                      Maximum
Nickel (Ni)                      8.00/11.00	
Others	
Phosphorous (P)                      .04	
Silicon (Si)                      1.00	
Sulfur (S)                      .03	

All singular chemistry values are  
MAXIMUM unless otherwise noted

All singular mechanical values are  
MINIMUM unless otherwise noted

### OTHER TEST(S) AND/OR REQUIREMENTS

FLATTENING TEST  
MERCURY FREE CONTAMINATION STATEMENT  
MUST SHOW SURFACE FINISH

### IMPORTANT:

ORIGINAL CERTIFICATES OF CHEMICAL & PHYSICAL ANALYSIS REQUIRED TWO (2) WEEKS BEFORE SHIPMENT ARRIVES  
ALL TEST REPORTS MUST STATE COUNTRY OF ORIGIN  
TEST REPORTS MUST HAVE THE SIGNATURE NAME AND TITLE PRINTED.  
ALL TEST REPORTS MUST BE SIGNED BY AUTHORIZED PERSON.