



# MATERIAL TEST REPORT

**Sold To: 3301563**  
**HARRY COOPER SUPPLY**  
**605 N. SHERMAN PARKWAY**  
**SPRINGFIELD MO 65802-3656**

**Ship To: 3301563**  
**HARRY COOPER SUPPLY**  
**605 N. SHERMAN PARKWAY**  
**SPRINGFIELD MO 65802-3656**

**Purchase Order:** P1321048  
**Sales Order:** 257712  
**Material:** M007037503500 A/SA 269 TP316L 0.375OD X .035AW  
**Delivery / File Nbr:** 80444822

**Description:** ASTM A269-15A(19), UNS S31600/S31603  
 WELDED STNLS STEEL TUBING, TP316/TP316L

**Test:** REVERSE BEND TEST PASSED. FLATTENING TEST PASSED. REVERSE FLATTENING TEST PASSED. FLARE TEST PASSED. BEND TEST PASSED. FLANGE TEST PASSED. NDT ELECTRIC TESTED TO ASTM A450 OR A1016 & APPLICABLE TEST METHOD E309 OR E426.

**Heat Number:** AL858608  
 %

<b>CARBON</b>	LDL	0.022
<b>MANGANESE</b>	LDL	1.610
<b>PHOSPHORUS</b>	LDL	0.031
<b>SULFUR</b>	LDL	0.0002
<b>SILICON</b>	LDL	0.460
<b>NICKEL</b>	LDL	10.080
<b>CHROMIUM</b>	LDL	16.540
<b>MOLYBDENUM</b>	LDL	2.050

\*\* Not Reported

<b>Ultimate (PSI )</b>	92,778 / 93,137
<b>Yield (PSI )</b>	50,859 / 51,798
<b>Elongation (%)</b>	44 / 50
<b>Hardness (HRBW )</b>	87 / 87
<b>Origin of Melt</b>	USA
<b>Manufactured in</b>	USA

We hereby certify that the above figures are correct as contained in the records of the company and that each batch has been manufactured, sampled, tested and inspected in accordance with the applicable specification stated above. This Document conforms to the requirements of Specification EN 10204 Inspection Document Type 3.1. Webco does not use mercury in testing or production of its stainless steel products. According to our records and to the best of Webco's knowledge, understanding and belief, this product was not contaminated during manufacture in our facilities.

**Date:** 02/14/2020

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