



# MATERIAL TEST REPORT

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

Ship To: 3301563  
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 605 N. SHERMAN PARKWAY  
 SPRINGFIELD MO 65802-3656

Purchase Order: P1345473  
 Sales Order: 279380  
 Material: M007037503500 A269 TP316L 0.375 OD x .035 AW  
 Delivery / File Nbr: 80484462

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:	OC533788	OS510529
	%	%
CARBON	LDL 0.021	0.017
MANGANESE	LDL 1.420	1.230
PHOSPHORUS	LDL 0.030	0.034
SULFUR	LDL 0.001	0.001
SILICON	LDL 0.410	0.490
NICKEL	LDL 10.040	10.100
CHROMIUM	LDL 16.530	16.900
MOLYBDENUM	LDL 2.010	2.030
COPPER	LDL 0.480	**
ALUMINUM	LDL **	**
COBALT	LDL 0.300	**
NITROGEN	LDL 0.040	0.050

Stock 4759787 12/07/2021  
  
 SSTUBE 3/8IN .035 WALL 316SS  
 WELDED TUBE A269 BR GHT ANNEALED

\*\*Not Reported

Ultimate (PSI)	90,020 / 90,210	90,300 / 90,450
Yield (PSI)	53,660 / 53,800	48,390 / 49,830
Elongation (%)	55 / 55	57 / 60
Hardness (HRBW)	84 / 84	80 / 80

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: 11/09/2021

*Joseph Young*

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