



GREENVILLE TUBE COMPANY LLC Material Test Report per EN 10204 3.1

501 S Montgomery St
Clarksville, AR 72830

CUSTOMER: PAC STAINLESS LTD

GREENVILLE TUBE COMPANY

PHONE 1-479-754-6500 FAX 1-479-754-8426

5259 BRITTMORE ROAD

SHIPPED TO: PAC STAINLESS LTD.

ORDER NUMBER GV426104/1

PO Number 61430H

HOUSTON, TX 77041

DFARS 5259 BRITTMORE ROAD

PART ID CS0500049S316031AS07

DESCRIPTION .500 OD X .049 AW 316/316L 5MLS Tube
SPEC ASTM-A-269-15a(2019)/A-213-21a/ASME-SA-213-19

206-824-7780
HOUSTON, TX 77041 USA



FINISH Cold Drawn, Bright Annealed & Passiv CONDITION Bright Solution Annealed
DATE CERTIFIED 10/18/2021 EACH TUBE ON THIS ORDER HAS BEEN SPECTROGRAPHICALLY CHECKED FOR 316
TESTS PERFORMED HARDNESS 59/61 HRB

HARDNESS TEST PERFORMED ON OD, CORRECTED FOR CURVATURE PER ASTM E18
TENSILE STRENGTH YIELD STRENGTH ELONGATION EDDY CURRENT PASS
87316 PSI 45997 PSI 55% FLARE Pass
87754 PSI 47221 PSI 50% FLAT Pass

CHEMICAL ANALYSIS
HEAT NUMBER 505942 TYPE 316/316L Seamless

	C	Mn	P	S	Si	Ni	Cr	Mo	Ti	N	Fe	Ta	Nb(Co)Ta	Cu	Nb(Cb)	Al	Co
L	.017	1.15	.035	.008	.30	12.16	17.40	2.07						.28			.16
P	.021	1.14	.034	.008	.30	12.11	17.38	2.05						.28			.16

*I HEREBY CERTIFY THAT THE HEAT NUMBERS, ANALYSIS AND TESTS DETAILED HEREON, ARE CORRECT AS CONTAINED IN THE RECORDS OF THIS CORPORATION"

Country of Manufacture: United States of America Country of Melt: Japan

Pieces: Footage:



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HOUSTON, TX 77041

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5259 BRITTMOORE ROAD
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ORDER NUMBER GV426104/1

PO Number 61430H

.500 OD X .049 AW 316/316L SMLS Tube

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DESCRIPTION

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HOUSTON, TX 77041 USA

COMMENTS

TAG: PO 61430H // PAC TRAK# 61430 // PN 760500049BAO

TEST CERTIFICATE IN ACCORDANCE WITH EN 10204 3.1

NACE MR0175 / MR0103 / ISO 15156

RB 80 MAX

DFARS COMPLIANT

SHIPPING TOLERANCE +/-10%

GREENVILLE TUBE (PCC) TERMS AND CONDITIONS APPLY

100% PMI TESTED - PASS

Greenville Tube Company certifies that the material used to manufacture this product is contamination-free from asbestos, teflon, mercury, lead, sulfur or any special metal alloy which is liquid at ambient temperature. This product is compliant with the European Community RoHS Directive 2011/65/EU. Greenville Tube Company Certifies the items represented by the information stated above conforms in all respects to the specification and to all other requirements stated in the purchase order.

SIGNED:

John M. Schmoker

John Schmoker

Quality Tech Assist

Material on this order was manufactured and shipped from Clarksville, AR, USA

FB.2.4.4 Rev 2