



GREENVILLE TUBE COMPANY LLC Material Test Report per EN 10204 3.1

501 S Montgomery St
Clarksville, AR 72830

CUSTOMER: DOVER TUBULAR ALLOYS INC

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

COMPANY

PO BOX 915

ORDER NUMBER GV426412/3

PO Number TX-4317-CB

DOVER, NJ 07802-0915

SHIPPED TO:

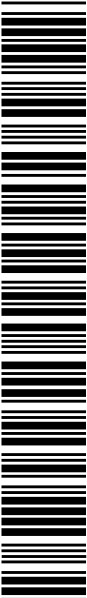
DOVER TUBULAR ALLOYS INC
6500 BINGLE ROAD

DEARS

PART ID CS0375049S316031AS04

DESCRIPTION .375 OD X .049 AW 316/316L SMLS Tube
SPEC ASTM-A-269-15a(2019)/A-213-21a/SA-213-19

HOUSTON, TX 77092



FINISH Cold Drawn, Bright Annealed & Passiv CONDITION Bright Solution Annealed

DATE CERTIFIED 12/3/2021 EACH TUBE ON THIS ORDER HAS BEEN SPECTROGRAPHICALLY CHECKED FOR 316

TESTS PERFORMED

HARDNESS 64/64 HRB

HARDNESS TEST PERFORMED ON OD, CORRECTED FOR CURVATURE PER ASTM E18

TENSILE STRENGTH	YIELD STRENGTH	ELONGATION	EDDY CURRENT
82921 PSI	52657 PSI	55%	FLARE Pass
84654 PSI	57383 PSI	55%	FLAT Pass

CHEMICAL ANALYSIS

HEAT NUMBER 562468 TYPE 316/316L Seamless

	C	Mn	P	S	Si	Ni	Cr	Mo	Ti	N	Fe	Ta	Nb(Cb)+Ta	Cu	Nb(Cb)	Al	Co
L	.015	1.45	.033	.009	.39	11.20	16.86	2.01		.062				.29			.11
P	.013	1.46	.035	.010	.40	11.30	16.86	2.03		.062				.29			.11

"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: Sweden

Pieces:

Footage:



GREENVILLE TUBE COMPANY LLC Material Test Report per EN 10204 3.1

501 S Montgomery St
Clarksville, AR 72830

CUSTOMER: DOVER TUBULAR ALLOYS INC

PO BOX 915

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

ORDER NUMBER

GV426412/3

PO Number TX-4317-CB

DOVER, NJ 07802-0915

SHIPPED TO: DOVER TUBULAR ALLOYS INC
6500 BINGLE ROAD
DFARS

PART ID

CS0375049S316031AS04

DESCRIPTION

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

SPEC

ASTM-A-269-15a(2019)/A-213-21a/SA-213-19

HOUSTON, TX 77092

COMMENTS

DFARS COMPLIANT

TAG PO TX-4317-CB

TEST CERTIFICATE IN ACCORDANCE WITH EN 10204 3.1

PRODUCED, TESTED AND CERTIFIED PED 97/23/EC CAT I

NACE MR0175/MR0103

ROHS COMPLIANT

A SEPARATE MILL REPORT IS REQUIRED FOR EACH INDIVIDUAL ITEM. EACH TEST REPORT SHALL LIST OR CONTAIN THE FOLLOWING-ALL SPECIFICATIONS RELATIVE TO THE MATERIAL AS WELL AS THE REVISION DATE FOR EACH OF THE INDIVIDUAL SPECIFICATIONS. B THE CONDITION OF MFG:

NO WELD REPAIR - FREE FROM MERCURY AND RADIOACTIVE CONTAMINATION

ISO 9001: 2015 CERT

GREENVILLE TUBE TERMS & CONDITIONS WILL APPLY

Greenville Tube certifies "NO WELD REPAIR" was performed on tubing supplied on above P.O. NO.

Greenville Tube certifies "NO WELD REPAIR" was performed on tubing supplied on above P.O. NO.

MFG SOURCE

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:

F8.2.4.4 Rev 2

Israel Coronado

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

Lab Assistant