

PHOENIX TUBE COMPANY, INC.

Manufacturer of Stainless, Ornamental and Structural Tubing

CERTIFICATION OF TEST

Sold To: HARRY COOPER SUPPLY
605 N. SHERMAN PKWY

Ship To: HARRY COOPER SUPPLY
605 N. SHERMAN PKWY

SPRINGFIELD MO 65802
USA

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USA

CUSTOMER ORDER#: P1308145

Phone# 8658392 Ext:

CUST REF NBR:

ORDER#: 532996

DATE SHIPPED: 04/05/19

QTY SHIPPED: 3600.0

SIZE: 2x4 X 11GA P180

GRADE: 304L WELD: HF

SOURCE: USA

HEAT#: 523645

VENDOR: OUTOK

TEST REPORT#: TR015558

Specification:

Report Date: 01/17/19

ASTM A554-16	T304L/304 DUAL CERTIFIED MT	NO WELD REPAIR	EN 10204 2.2
ASTM A240-18	ASME SA 240 17	RAW MATERIAL SPEC	NACE MR0175/MR0103
AMS5511H/AMS5513J	UNS# 30400 / 30403	RoHS 1 @ 2 COMPLIANT	AISI 304L
HR STAINLESS STEEL	STRUCTURAL TUBING	QTY SHIPPED EQUALS	TOTAL FOOTAGE
APPROX WEIGHT PER FT	IS CALCULATED FROM THE	PACKING LIST TOTAL WEIGHT	DIVIDED BY TOTAL FOOTAGE

Stock 4724218 04/22/2019



**SSTUBE RECT 2IN X 4IN 11GA 304SS
RECT TUBE 180 GRIT POLISH OD**

MERCURY IS NOT USED BY US AS AN ALLOYING MATERIAL NOR IS METALLIC MERCURY HANDLED IN THE VICINITY OF OUR PROCESSING LINES. MATERIAL IS FREE OF MERCURY CONTAMINATION.

MFG USING ANNEALED AND PICKLED PLATE, SHEET, OR STRIP. MATERIAL IS FULL SOLUTION ANNEALED, AND SHOWS NO CONTINUOUS CARBID PRECIPITATION. MIN SOLUTION ANNEAL TEMP 1900F WATER QUENCHED

Chemical Analysis

C	MN	P	S	SI	CR	NI	MO	CU	CO	N2	TI
.023	1.78	.031	.010	.59	18.14	8.05	.36	.49	N/A	.07	N/A

Physical Analysis

Hardness	YIELD		TENSILE		OTHER	
	PSI	MPA	PSI	MPA	Percent EL	Percent RA
RB 82	43945	303	93546	645	50	56

THE CHEMICAL ANALYSES ARE CORRECT AS CONTAINED IN OUR CORPORATE RECORDS.
MECHANICAL PROPERTIES ARE MEASURED FROM SHEET COIL AND PLATE BEFORE CUTTING

THIS MATERIAL INCLUDING THE BILLETS, WAS
Melted & MFG in USA DFARS 252.225 Subsection Compliant, FAR BAA, DFAR BAA, FAR TAA Complies

CERTIFIED BY Inventory Control Dept.

Jane Ferraro

1185 WIN DR, BETHLEHEM, PA., 18017 - (610) 865-5337

FAX NUMBER: 610-865-4073