

**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#: P1311407

Phone# 8658392 Ext:

CUST REF NBR:

ORDER#: 538490

DATE SHIPPED: 07/05/19

QTY SHIPPED: 2160.0

SIZE: 2SQ X 11GA P180

GRADE: 304L WELD: HF

SOURCE: USA

HEAT#: 524153

VENDOR: OUTOK

TEST REPORT#: TR015648

Report Date: 02/22/19

Specification:

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 4724219 07/08/2019



**SSTUBE SQ 2IN X 2IN X 11GA 304SS SQ  
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
.029	1.74	.029	.011	.55	18.04	8.07	.30	.69	N/A	.07	N/A

Physical Analysis

Hardness	YIELD		TENSILE		OTHER	
	PSI	MPA	PSI	MPA	Percent EL	Percent RA
RB 82	43945	303	92820	640	51	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

*Kimberly Radcliff*

CERTIFIED BY Inventory Control Dept.

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

FAX NUMBER: 610-865-4073