

**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#: P1313608**

**Phone# 8658392 Ext:**

**CUST REF NBR:**

**ORDER#: 542376**

**DATE SHIPPED: 08/12/19**

**QTY SHIPPED: 140.0**

**SIZE: 3x6 X 7GA P180**

**GRADE: 304L WELD: TIG**

**SOURCE: USA**

**HEAT# 524217**

**VENDOR: OUTOK**

**TEST REPORT#: TR015663**

**Report Date: 02/25/19**

**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

**NonStock 4897426 08/14/2019**



**SSTUBE 3X6 0.180 WALL 304 RECT**  
**TUBE POLISH OD 180 GRIT**

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
.021	1.79	.029	.013	.57	18.31	8.03	.39	.49	N/A	.07	N/A

**Physical Analysis**

Hardness	YIELD		TENSILE		OTHER	
	PSI	MPA	PSI	MPA	Percent EL	Percent RA
RB 82	44815	309	93546	645	48	55

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.

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

FAX NUMBER: 610-865-4073