



phoenix tube company, inc.

1185 Win Drive  
Bethlehem, PA, United States, 18017  
Phone # +1 (610)-865-5337

# CERTIFICATE OF TEST

**SOLD TO**

**HARRY COOPER SUPPLY**  
605 N. SHERMAN PKWY  
SPRINGFIELD MO 65802  
United States

**SHIP TO**

**HARRY COOPER SUPPLY**  
605 N. SHERMAN PKWY  
SPRINGFIELD MO 65802  
United States

PHONE:

Customer's Order #: **P1349716**

Our Order #: **73811**

Line No : **1**

Customer Reference #:

Qty Shipped: **2,560 FT**

Date Packed #: **03/24/22**

Grade : **304L**

Weld: **Polished 180 Grit**

Size: **3 SQ X 11 GA 304L Stainless Steel Tube  
Polished 180 Grit**

Source : **United States**

Heat : **535156**

Vendor: **Outokumpu**

Test Report #: **84363**

Date : **01/06/22**

## SPECIFICATION

Product description: Structural Stainless Steel Tube, ASTM A554-21, AISI 304/304L DUAL CERTIFIED, UNS 30400/30403; Raw Material - ASTM A240-20a, ASME SA240-17, NACE MR0175/MR0103, AMS 5511K/AMS5513K, Remarks: EN 10204 2.2, QTY SHIPPED in FT, NO WELD REPAIR, RoHS 1, 2 & 3 COMPLIANT.

Total Weight (See Packing List) divided by Total FT Equals Approx. Weight per FT

Material is free of Mercury Contamination. Material is free of Radioactive Contamination. Product manufactured using annealed stainless steel. Minimum solution anneal temperature 1900 F, Water Quenched. Corrosion Test: ASTM A262-15 Practice E - Passed

Chemical analyses are correct as contained in the supplier's Metallurgical Test Report. Mechanical Properties are measured from Sheet or Plate before processing

**Melted and Manufactured in the United States, Material DFARS compliant**

CERTIFIED BY Inventory Control Dept.

1185 WIN DR. - BETHLEHEM, PA. 18017 - (610) 865-5337 Fax (610) 865-4073

Stock

4728227

03/29/2022



**SSTUBE 3IN X 3IN 11 GAGE .120 WALL  
304 SS SQUARE TUBE 180 GRIT POLISH**

Manufacturer / Fabricante  	Type of document / Tipo de documento  <b>INSPECTION CERTIFICATE</b> CERTIFICADO DE INSPECCION according to / de acuerdo con <b>EN 10204-3.1</b>	Document number / Nº de certificado: 10/20/2021 <b>0000540405 /</b> Page / Pagina: <b>1 / 1</b>
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1 Steel Drive; P.O. Box 13000; Calvert, AL 36513-1300  PHOENIX TUBE COMPANY INC. 1185 WIN DRIVE BETHLEHEM PA 18017 USA	Customer/Ship to / Cliente PHOENIX TUBE COMPANY INC., BETHLEHEM  Customer's order number / Nº de Pedido Cliente: 41446-P  Manufacturer's works order no. / Nº de Pedido Manufactura: 901296143 / 001  Delivery note no. / Nº de Entrega: 85749439 / 010  Product / Producto Stainless Steel Hot Rolled Coil/Bobina
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Terms of delivery / Condiciones de entrega ASTM A240/A240M-20a, ASME SA-240 Sec. II part A Ed.2021 ASTM A480/A480M-20a, ASME SA-480 Sec. II part A Ed.2019 ASTM A666-15 ASTM A276-17, A312-21, A479-20, A484-20b Chemical only ASME SA312-19, SA479-20 for Chemical Composition NACE MR0103 / ISO 17945: 2015 NACE MR0175 / ISO 15156-3: 2015	Steel Grade and Quality / Acero TYPE 304L/304 UNS S30403 UNS S30400
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Customer's material no. / Nº de material del cliente WC304L11	Product dimensions (Thickness / Width / Length) / Dimensiones (Espesor / Ancho / Largo) 2.64 mm x 1,219.20 mm 0.1040 inch x 48.0000 inch	Steelmaking procedure / Proceso de manufact. AOD	Finish / Acabado Ia / 1D / No.1
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Packing-No. / Nº de Empaque	No. of pieces / Piezas	Actual weight / Peso actual	Actual length / Longitud actual	Coil-No. / Bobina No.	Heat No. / Colada	Inspection lot / Lote de Inspeccion	Inspection lot / Lote de Inspeccion
3385930	1	47,245 lb / 21,430 kg	2,526 ft / 770 m	872099	535156	1000759849	1000759850
Sum / Suma	1	47,245 lb / 21,430 kg					


Heat / Colada	Country of Melt / País de colada	Chemical composition / Composición Química										
		%C	%Si	%Mn	%P	%S	%Cr	%Mo	%Ni	%N	%Cu	%Nb
535156	USA	0.024	0.58	1.74	0.031	0.0123	18.05	0.35	8.03	0.063	0.46	0.042

Sample Position / Localiz. de la muestra TRANSVERSE	Mechanical testing per ASTM A370-18
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Inspection lot / Lote de inspección	YS0.2% PSI / MPa	TS PSI / MPa	El. 2" %	R <sub>a</sub> %	HRB
1000759849	43,945 / 303	94,851 / 654	51	53	84
1000759850	43,945 / 303	95,141 / 656	50	54	84

Dimensions-surface / Dimensiones-Superficie: Positive Material Identification (PMI) / Control de identidad (análisis espectrográfico):	OK OK
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Heat Treat: Solution anneal 1900°F/1040°C Min, Air and water quench  
 No welding or weld repairs were performed on this material  
 No intentional additions of Mercury compounds were made or used  
 Free of radioactive contamination  
 EU RoHS Directive 2011/65/EU Compliant  
 Country of Melt as per ISO 3166-1  
 Bending test per ASTM E290-14 OK  
 DFARS 225.872-1 Compliant

Originator of the document / Originador del documento / <b>Outokumpu Stainless USA, LLC</b> An ISO 9001:2015 certified company ISO 17025:2017 accredited testing lab by ANAB EU PED 2014/68/EU, Annex I, 4.3 certified Certificate is generated automatically / Certificado es generado automáticamente	The information provided is a true copy of data on file / Los valores mostrados corresponden a los datos archivados   Alejandro Carrillo Ramos Name of expert / Nombre del experto	Date of issue and validation / Fecha de emisión y validación 10/20/2021  This document shall not be altered or reproduced, except in full. Fraudulent, fictitious, or false statements or entries may be prosecuted by law.
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Test Report: 84363 Sales Order: 73811  
 Customer Order: P1349716 Heat No: 535156

Stock **4728227** 03/29/2022  
  
**SSTUBE 3IN X 3IN 11 GAGE .120 WALL**  
**304 SS SQUARE TUBE 180 GRIT POLISH**