

Manufacturer / Fabricante



Type of document / Tipo de documento

INSPECTION CERTIFICATE

CERTIFICADO DE INSPECCION
according to / de acuerdo con
EN 10204-3.1

Document number / Nº de certificado: 08/17/2021

0000530521 /

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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.
41228-P

Manufacturer's works order no. / Nº de Pedido Manufactura.
901293808 / 001

Delivery note no. / Nº de Entrega.
85739743 / 010

Product / Producto
Stainless Steel Hot Rolled Coil/Bobina

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

Customer's material no. / Nº de material del cliente	Product dimensions (Thickness / Width / Length) / Dimensiones (Espesor / Ancho / Largo)	Steelmaking procedure / Proceso de manufact.	Finish / Acabado
WC304L11	2.64 mm x 1,219.20 mm 0.1040 inch x 48.0000 inch	AOD	1B / 1D / No.1

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 / Lots de Inspeccion	Inspection lot / Lots de Inspeccion
3368521	1	45,151 lb / 20,480 kg	2,454 ft / 748 m	877058	534419	1000746956	1000746957
Sum / Suma	1	45,151 lb / 20,480 kg					

Heat / Colada	Country of Melt / País de colada	Chemical composition / Composición Química										
		Chemical analysis per ASTM A751-14a										
		%C	%Si	%Mn	%P	%S	%Cr	%Mo	%Ni	%N	%Cu	%Nb
534419	USA	0.024	0.63	1.77	0.034	0.0121	18.16	0.38	8.00	0.064	0.55	0.008

Sample Position / Localiz. de la muestra: TRANSVERSE Mechanical testing per ASTM A370-18

Inspection lot / Lots de inspección	YS0.2% PSI / MPa	TS PSI / MPa	El. 2" %	RoA %	HRB
1000746956	43,075 / 297	94,271 / 650	52	60	83
1000746957	43,945 / 303	95,721 / 660	51	60	84

Dimensions-surface / Dimensiones-Superficie: OK
Positive Material Identification (PMI) / Control de Identidad (análisis espectrográfico): OK

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

Stock 4724219 02/14/2022

SSTUBE SQ 2IN X 2IN X 11GA 304SS SQ
TUBE 180 GRIT POLISH OD

<p>Originator of the document / Originador del documento / Outokumpu Stainless USA, LLC 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</p>	<p>The information provided is a true copy of data on file / Los valores mostrados corresponden a los datos archivados</p> <p></p> <p>Alejandro Camillo Ramos Name of expert / Nombre del experto</p>	<p>Date of issue and validation / Fecha de emisión y validación 08/17/2021</p> <p>This document shall not be altered or reproduced, except in full. Fraudulent, fictitious, or false statements or entries may be prosecuted by law.</p>
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Pack List: 81492 Sales Order: 603132
Customer Order: P1346766 Heat No: 534419