



Certificate No.  
170388

Revision  
00

Customer Order No.  
120607215

Production mill  
Avesta Plant

Date  
18 Dec 2022

Delivery No.  
8000171634

<b>Sold to</b> Alumeco Finland Oy Ab Kaviokuja 5 20380 TURKU FINLAND		<b>Product</b> Stainless Steel Hot Rolled Plate, Slit edge, Core 304L/4307		<b>Grade</b> 1.4301 1.4307 TYPE 304 / UNS S30400 TYPE 304L / UNS S30403	
<b>Ship to</b> Alumeco Finland Oy Ab Kaviokuja 5 20380 TURKU FINLAND		<b>Requirements</b> AD 2000 W 2, Ausg. 01.2020, W 10, Ausg. 01.2020 & EN 10028-7:2016 ASME SA-240/SA-240M BPVC.II.A-2021 ASTM A240/A240M - 22 EN 10028-7:2016 EN 10088-2:2014 EN 10088-4:2009 NACE MR0175/EN ISO 15156-1:2020 & NACE MR0175/EN ISO 15156-3:2020			
<b>Mark of manufacturer</b> outokumpu		<b>Process</b> E+AOD		<b>Inspector's Stamp</b> 	
<b>Sales order Item</b> 10		<b>Dimensions</b> 10,00 X 1500,0 X 3000 mm		<b>Quantity (pcs)</b> 14	
<b>Weight</b> 4959 kg		<b>Heat No.</b> 221953		<b>Lot No.</b> 704	
<b>Identification No. of Product</b> 221953-704		<b>Customer's Material No.</b> 1310686		<b>ASME SA-480/SA-480M BPVC.II.A-2021</b> ASTM A480/A480M - 22 EN ISO 9444-2:2010	

Chemical Composition

Heat No.	Country of Melt	C %	Si %	Mn %	P %	S %	Cr %	Ni %	N %
221953	United Kingdom	0,016	0,34	1,30	0,035	0,001	18,3	8,2	0,058

Test Results (1=Beginning, 2=Middle, 3=End, T=Transverse, L=Longitudinal, D=Diagonal, RT=Room temperature)

Identification No. of Product	Sample ID	EN ISO 6892-1 / ASTM A370 (RT)					ASTM E10 / EN ISO 6506-1
		RP0.2 MPa	RP1.0 MPa	RM MPa	A5 %	A50 %	HARDNESS HBW
221953-704	Minimum	210	250	520	45	40	201
	Maximum			700			
221953-704	1 T 813237	309	342	590	61	63	183
221953-704	3 T 813238	317	353	601	60	62	192
		EN ISO 3651-2 A	PMI				
Identification No. of Product	Sample ID	INTERGRANULAR CORROSION					
		Minimum	Maximum				
221953-704	1 T 813237	OK	OK				
221953-704	3 T 813238	OK	OK				

Country of Origin: Sweden

Solution annealed at 1070 °C/1958 °F. Rapidly cooled with water and air.

Certified acc. to AD 2000-Merkblatt W0 by TÜV NORD

Certified acc. to PED 2014/68/EU by TÜV NORD, notified body, Reg-No. 0045

DOPS acc. to CPR available on the web page by steel number

Marking, visual and dimensional inspection: Approved

Outokumpu Stainless AB Business Area Operations Avesta SWEDEN Tel: +46 (0)226 811 73 Regoffice: Stockholm SWEDEN, Regno: 556001-8748 V.A.T no: SE556001874801	This material is found to comply with order requirements  Joakim Johansson Authorized Inspector certificates.avesta@outokumpu.com	 10 0045 - CPR - 0869 DoP (Declaration of Performance) on: www.outokumpu.com/locations/avesta
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Packing Information

<u>Delivery Item</u>	<u>Identification No. of Product</u>	<u>Batch No.</u>	<u>Quantity(pcs)</u>	<u>Weight</u>	<u>Length</u>
10	221953-704	D036713430	3	1063 kg	
10	221953-704	D036713530	3	1063 kg	
10	221953-704	D036713630	3	1061 kg	
10	221953-704	D036713730	3	1063 kg	
10	221953-704	D036713830	2	709 kg	

Outokumpu Stainless AB  
Business Area  
Operations Avesta  
SWEDEN  
Tel: +46 (0)226 811 73  
Regoffice: Stockholm SWEDEN,  
Regno: 556001-8748  
V.A.T no: SE556001874801

This material is found to comply with order requirements  
  
Joakim Johansson  
Authorized Inspector  
certificates.avesta@outokumpu.com

