



Certificate No.  
175048



Revision  
00

Customer Order No.  
17117

Production mill  
Avesta Plant

Date  
23 Jan 2023

Delivery No.  
8000176474

<b>Sold to</b> Htm Yhtiöt Oy Tiilitehtaantie 23 12310 RYTTYLÄ FINLAND		<b>Product</b> Stainless Steel Hot Rolled Plate, Slit edge, Core 304L/4307  <b>Finish</b> 1D		<b>Grade</b> 1.4301 1.4307 TYPE 304 / UNS S30400 TYPE 304L / UNS S30403	
<b>Ship to</b> Htm Yhtiöt Oy Teollisuuskujia 1 14200 TURENKI 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> 60		<b>Dimensions</b> 12,00 X 1500,0 X 3000 mm		<b>Quantity (pcs)</b> 12	
<b>Weight</b> 5113 kg		<b>Heat No.</b> 524382		<b>Lot No.</b> 4	
<b>Identification No. of Product</b> 524382-4		<b>Customer's Material No.</b> 17117		<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 %
524382	Sweden	0,018	0,33	1,25	0,036	0,001	18,1	8,1	0,063

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
524382-4	Minimum	210	250	520	45	40	201
	Maximum			700			
524382-4	1 T 814093	329	365	614	58	60	196
524382-4	3 T 814094	338	376	623	57	60	196
		EN ISO 3651-2 A	PMI				
Identification No. of Product	Sample ID	INTERGRANULAR CORROSION					
		Minimum	Maximum				
524382-4	1 T 814093	OK	OK				
524382-4	3 T 814094	OK	OK				

Country of Origin: Sweden



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

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

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

Avg.t CO2e/t: 1,21

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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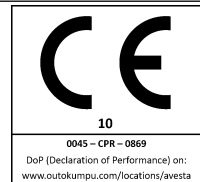
	<u>Certificate No.</u>	<u>Revision</u>	<u>Customer Order No.</u>
	175048	00	17117
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Model verified. Scope 1, 2, 3 - Calculation details available on Outokumpu's website

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

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 Joakim Johansson  
 Authorized Inspector  
 certificates.avesta@outokumpu.com





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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	524382-4	D037287130	4	1709 kg	
10	524382-4	D037287230	4	1703 kg	
10	524382-4	D037287330	4	1701 kg	

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