

Customer Name

MetalMart International, Inc.

Customer PO#

P444982

Shipper No

28294

Heat Number

867786 CJ12364

**Specialty Rolled Products**

500 Green Street
Washington, PA 15301

OMI Job#: 306248
Sold To: NACNO AVIATION
P.O.#: 2NTHRF08
Size/Qty: 250" x 36.00" x 60.00"
Item: 001 HT#: 867786 CJ12364

Certificate of Test

Moreen DeFerrari - Sr. Manager, Quality

Mill Information

Cert Number 0288093-00
Sales Order 50-026-075
Cert Date Mar-24-2026

Customer Information

Name ALTEMP ALLOYS LLC
PO 23597
PO Date Feb-03-2026

Material Information

"ATI 17-7" PRECIPITATION HARDENABLE STAINLESS STEEL
PMP HOT ROLLED PLATE ANNEALED PICKLED COMMERCIAL CUT EDGE

AMS 5528K CND A/TH1050

ASTM-A-693-24 S17700 CND A/TH1050

DIN EN 10204:2005 3.1 CERTIFICATE

S-SPEC-1, S-1000 DATED 05-5-25

UNS S17700

S-SPEC-35 S-400 DATED 2-18-21

WNR 1.4568

AS6279C

ASME-SA-693-25 CND A/TH1050

Piece Information

	Gauge	Width	Length					Total Wt
Pcs	(in)	(in)	(in)	Heat #	Piece ID	Section Id	Lot #	(lbs)
Item: 001	Cust-Id:	Govt-Contract-#:			Govt-DO-Rating:			
	Cust-Job:	ScheduleB:						
1	.2500	72.5000	145.0000	867786	CJ12364	---	558485	815
1	.2500	72.5000	145.0000	867786	CJ12365	---	558485	815
1	.2500	72.5000	145.0000	867786	CJ12366	---	558485	815

Chemistry Testing

Element (wt %)	Requirements		Final Heat Analysis	
	Min	Max	867786	Loc
C	---	.09	.07	BN
MN	---	1.00	.83	BN
P	---	.040	.025	BN
S	---	.015	< .001	BN
SI	---	.70	.32	BN
CR	16.00	18.00	16.80	BN
NI	6.50	7.70	7.26	BN
AL	.75	1.50	1.06	BN

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Noreen DeFerrari - Sr. Manager, Quality

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Chemistry Testing

ATI Flat Rolled Products performs chemical analysis by the following techniques for testing locations TC, BN, & LO: C & S by combustion/infrared absorption per ASTM E1019; N & O by inert fusion/thermal conductivity per ASTM E1019; Mn, P, Si, Cr, Ni, Mo, Cu, Cb(Nb), Co, V, W by WDXRF per ASTM E572; Pb, Bi, Ag, Se, S by GFAA per ASTM E1184; Al and Ti (>=0.10%) by WDXRF per ASTM E572 otherwise by OES per ASTM E1086; TA, Zn, Mg, Cd, Ce, Ca, Zr, La by ICP per ASTM E1479.

867786 - Material was produced by EF melting with AOD refining.
 USA melted, poured and manufactured
 Material melted at ATI SRP BRACKENRIDGE (FRPB)

FRPB - ATI SRP BRACKENRIDGE 100 RIVER ROAD BRACKENRIDGE, PA 15014

Mechanical Testing

		LOT 558485		LOT 558485	
Condition:		ANNEALED		TH1050	
Direction:		TRANSVERSE		TRANSVERSE	
Temperature:		ROOM TEMP		ROOM TEMP	
Spec:					
Test Limit	Units	Result	Loc	Result	Loc
YS 0.2% OFFSET	psi	43200.	TC	169600.	TC
TENSILE	psi	123700.	TC	191000.	TC
ELONG. IN 2"	%	38.	TC	12.	TC
RED OF AREA	%	40.	TC	31.	TC
HARDNESS	---	161. HBW	TC	42. HRC	TC
BEND	P/F	PASS	TC	---	---

When hardness is measured using the Brinell scale, the indentation measuring device is Type A.

"H", "TH", "RH", and other heat treated values are capability test results.

Mechanical Property Requirements

Condition:		ANNEALED		TH1050	
Direction:		TRANSVERSE		TRANSVERSE	
Temperature:		ROOM TEMP		ROOM TEMP	
Spec:					
Test Limit	Units	Min	Max	Min	Max
YS 0.2% OFFSET	psi	---	55000.	150000.	---

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**Specialty Rolled Products**500 Green Street
Washington, PA 15301**Certificate of Test**

Koreen DeFerrari - Sr. Manager, Quality

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Customer Information
 Name ALTEMP ALLOYS LLC
 PO 23597
 PO Date Feb-03-2026
Mechanical Property Requirements

Condition:		ANNEALED		TH1050	
Direction:		TRANSVERSE		TRANSVERSE	
Temperature:		ROOM TEMP		ROOM TEMP	
Spec:					
Test Limit	Units	Min	Max	Min	Max
TENSILE	psi	---	150000.	180000.	210000.
ELONG. IN 2"	%	20.	---	7.	---
RED OF AREA	%	---	---	20.	---
HARDNESS	---	---	202. HBW	38. HRC	46. HRC
BEND	P/F	---	---	---	---

Certification Statements

Grade verification was performed spectroscopically.

EN 10204:2005 - 3.1 Certificate does not imply that material is an approved PED grade. For a complete listing of approved PED grades, visit our website at www.atimaterials.com.

ATI-SRP defines the Grain Orientation Nomenclature as Longitudinal (L) is the Length, Long Transverse (LT) is the width, and Short Transverse (ST) is the thickness or gauge.

ATI Specialty Rolled Products has complied with all producer requirements of AS6279.

ATI Specialty Rolled Products does not use mercury in the testing or production of its products.

No welds/weld repairs performed.

Material tested at ATI Specialty Rolled Products GEAE S400 approved facilities (T1225): Natrona Heights, PA; Brackenridge, PA.

ATI Specialty Rolled Products holds several Quality and Laboratory Certifications that include ISO-9001, AS9100, AD 2000-Merkblatt W0, EU Pressure Equipment Directive 14/68/EU, Nadcap, ISO/IEC 17025, GEAE S400(T1225 & T9317), GEAE S-1000. Refer to www.ATIMaterials.com to access the current ATI SRP quality certifications.

The product was solution heat-treated at 1950 +/- 25F (1066 +/- 14C) for a time commensurate with thickness and the heating equipment and procedure used, and cooled at a rate equivalent to air cool or faster.

The following test methods are used by the listed lab: ASTM E8 for all specimens for yield, tensile, and elongation except ISO 6892-1 for 80mm specimens; ASTM E290 for bend; ASTM E112 for grain size; ASTM E10, E18, E92, & E384 for hardness; ASME B46.1 Section 3 for surface roughness; AMS 2750 for laboratory heat treatment; ASTM E139 for stress rupture; ASTM E29 for rounding; ASTM E3 and E407 for metallographic preparation and etching; AMS 2315 for delta ferrite% and austenite-ferrite ratio; ASTM E21 for elevated temperature testing.

ATI SRP products have not come in contact with radioactive materials during manufacturing or processing.

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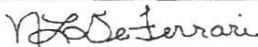
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	Mill Information	Customer Information	
	Cert Number 0288093-00 Sales Order 50-026-075 Cert Date Mar-24-2026	Name ALTEMP ALLOYS LLC PO 23597 PO Date Feb-03-2026	

Certification Statements

This Certified Material Test Report is a true representation of the data on file. The reported results conform to the sales contract and specification(s) as set forth in ATI Specialty Rolled Products order acknowledgement. This Certificate of Test may not be reproduced except in full without the written authorization of the company.

EN 10204:2005 3.1 Certificate.

General Statements

The Finishing Location for ALL PIECES is ATI-SRP
 The Shipping Location is ATI-SRP WASHINGTON, PA

TESTING WAS PERFORMED AT THE FOLLOWING LOCATIONS

BN = ATI SRP Brackenridge; 100 River Road; Brackenridge, PA 15014
 TC = ATI SRP Natrona Heights; 1300 Pacific Avenue; Natrona Heights, PA 15065

Knowingly and willfully recording any false, fictitious or fraudulent statement or entry on this document may be punished as a felony under Federal Statutes, including Federal Law, Title 18, Chapter 47.

WARNING: Processing that makes fumes, dust, or solutions may cause lung disease. Please see Safety Data Sheet for further information which has been supplied to your Purchasing Department. For an additional copy, please refer to our website at:
www.atimaterials.com/Products/ati-sds

For access to online certifications of Test, please register at MyATI.ATIMaterials.com.

ATI Specialty Rolled Products website contains listing of material produced, general technical and contact information, and current quality and company accreditations including but not limited to ISO-9001, AS-9100, Nadcap, and ISO/IEC 17025. Please visit us at www.atimaterials.com.

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