

<b>COMPANY WITH MANAGEMENT SYSTEM CERTIFIED BY DNV GL</b> = ISO 9001 = = ISO 14001 =	 <b>METALFAR PRODOTTI INDUSTRIALI SPA</b> 23861 CESANA BRIANZA (LC) - ITALY VIA G. PARINI, 28 PHONE + 39 031 655441 - FAX +39 031 655149 certificate@metalfaritaly.com	A01 <b>COMPANY WITH MANAGEMENT SYSTEM CERTIFIED BY DNV GL</b> = ISO 9001 = = ISO 14001 =
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<b>INSPECTION CERTIFICATE EN 10204:2004 / 3.1</b>	A02	<b>Nr<sup>A03</sup> 2021-C_MFF-01877</b>	Z02	<b>Data / Dated 09.06.2021</b>
<b>ALLIED STAINLESS GROUP INC</b> 7200 Mykawa Road 77033 HOUSTON, TEXAS	A06	<b>Ordine / PO</b> PO24795 <b>Item</b> 074 <b>DDT / Delivery note</b> 2021-3E301-0001931 <b>Packing List</b> 2021-3E401-0001904 <b>Fattura / Invoice</b> 2021-3E401-0001904 <b>Ns. rif. / Our ref.</b> 2021-3E201-0000827-0074	A07	A08
<b>Dest. ALLIED STAINLESS GROUP</b> Constitution Drive 200 45014 FAIRFIELD - OH	A06			

Cod. colata Heat Code	Nr. colata Heat Nr	Quantità Quantity	Descrizione Description
	514455	25,00	BLIND 150 RF 3/4" F316/L 6L1BR.75

**Mat. in acc. a / Mat. in acc. to** ASTM A 182/A 182M -20 , ASME SA 182/SA 182M-19 ASME CODE SECT. II, PART A, ED. 2019  
 ASTM A182 F316/F316L  
 NACE MR-0175/2015 ISO 15156-3 :2015  
 NACE MR-0103/2015 ISO 17945 :2015  
 Q.A.S.IN ACCORD.WITH PRESS.EQUIPM.DIRECT.2014/68/EU(PED) ANNEX I,PARAGRAPH 4.3  
 CERT.4687-2014-CE-ITA-DNV GL - Rev.02

**Ann. mat. / Mat. remarks** P.M.I. 100% PERFORMED AND SATISFACTORY  
 INTERGRANULAR CORROSION TEST IN ACCORDANCE WITH ASTM A262 PRACTICE "E":SATISFACTORY  
 NO VISIBLE CORROSION AT 20X AND NO CRACKING

Elementi / Elements	C	Si	Mn	S	P	Cr	Ni	Mo	Ti	Cu	V	Nb	N
LADLE ANALYSIS	0,024	0,240	1,530	0,027	0,036	16,600	10,080	2,020	0,000	0,000	0,000	0,000	0,038
PRODUCT ANALYSIS	0,027	0,249	1,588	0,021	0,030	16,664	10,136	2,012	0,000	0,000	0,000	0,000	0,051
	<b>Al</b>			<b>Pb</b>					<b>CE LF</b>	<b>CE SF</b>	<b>F1</b>	<b>F2</b>	<b>PREN</b>
LADLE ANALYSIS	0,000			0,000					--	--	--	--	23,874
PRODUCT ANALYSIS	0,000			0,000					--	--	--	--	24,120

Provetta Test specimen	Forma Shape	°C <sup>C03</sup>	Snervamento>0,2% Yield Strength>0,2%	Snervamento>1,0% Yield Strength>1,0%	Rottura Tensile	Allungamento Elongation	Contrazione Reduction of area
Sez/Sect mm2	Gauge L.mm	1=O - 2=□	MPa	MPa	MPa	%	%
126,60	50,80	1	20	293,0	--	589,0	50,7
						76,4	

DUREZZA / HARDNESS	RESILIENZA / IMPACT TEST						
HBW	Tpo/Type	Provetta / Test Specimen	°C <sup>C03</sup>	1-Joule	2-Joule	3-Joule	Media/Average
159,0 ; 164,0	KV	10x10 mm	20	246	288	264	266,0

<b>Tratt. Term. / Heat treatment</b>	SOLUTION TREAT AT 1050 °C - QUENCHED IN WATER	GAS FURNACE
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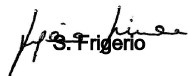

<b>Dim in acc. a / Dim. acc. to</b>	ASME/ANSI B16.5 -2017
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<b>Finitura / Roughness</b>	ASME/ANSI B46.1 -2019 RF FINISHING 125-250 µin AARH
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<b>Marcatura in acc. Marking in acc. to</b>	ANSI/MSS SP-25-2018	<b>Vis. &amp; Dim.</b>	SATISFACTORY	<b>Origine Origin of Steel</b>	SPAIN
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**Note / Notes** 100% MANUFACTURED IN ITALY  
 MATERIAL IN ACCORDANCE WITH ORDER AND SPECIFICATION

ALL MATERIAL SUPPLIED IS CERTIFIED TO BE FREE OF MERCURY CONTAMINATION AND NO MERCURY BEARING EQUIPMENT WAS USED DURING MANUFACTURING

<b>UFFICIO CONTROLLO QUALITA'</b> <b>QUALITY CONTROL DEPARTMENT</b>  S. Frigerio	<b>ENTE UFFICIALE DI COLLAUDO</b> <b>INSPECTION AUTHORITY</b>	<b>MARCHIO PRODUZIONE</b> <b>MANUFACTURER'S SYMBOL</b> 
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