



**Maass
Flange Corporation**

6202 Lumberdale Rd
Houston, Texas 77092

Material Test Certification
Certificate Conforms to EN 10204/3.1

ISO 9001:2000
Certified

3299

Sold to: WILHELM MAASS INTERNATIONAL, S.DE R.L. DE C.V. Cust. P.O.#: 1789-09
R.F.C. WMI - 040315 - HP8 Order#: 4591
CARR.PRESA LA AMISTAD KM 7 INT. A
COL. PARQUE INDUSTRIAL AMISTAD
CD. ACUNA, COAHUILA, C.P. 26220

Item 7

Qty	Part Number	Part Description	Heatcode	HeatNumber	Material									
13	6200250112	M-FIN F316-316L 2.50 150 RF SO	C981	E81703	F316-316L									
C	Mn	P	S	Si	Ni	Cr	Mo	N	Cu	Ti	V	Co	Ta	W
0.020	1.680	0.036	0.0260	0.360	10.200	17.170	2.010	0.0830		0.001				
Cb	Cb+Ta	Al	Fe	Tensile	Yield	Elong.%	R of A %	BHN	Grain					
		0.004		82,400	43,400	56.10	70.40	143.00						

Solution annealed at 1950F/1065C and water quenched.
A/SA182/M-07 F316/316L NACE MR-0175, MR-0103; ASTM B16.5-2009 as applicable.
Material free from mercury contamination.
Made in Mexico.

Item 8

Qty	Part Number	Part Description	Heatcode	HeatNumber	Material									
150	6200200112	M-FIN F316-316L 2.00 150 RF SO	C1005	E90016	F316-316L									
C	Mn	P	S	Si	Ni	Cr	Mo	N	Cu	Ti	V	Co	Ta	W
0.020	1.660	0.034	0.0260	0.340	10.120	17.200	2.050	0.0780						
Cb	Cb+Ta	Al	Fe	Tensile	Yield	Elong.%	R of A %	BHN	Grain					
				85,200	39,200	63.10	73.00	143.00						

-20F; 143, 117, 114 ft-lbs
Solution annealed at 1950F/1065C and water quenched.
A/SA182/M-07 F316/316L NACE MR-0175, MR-0103; ASTM B16.5-2009 as applicable.
Material free from mercury contamination.
Made in Mexico.
A262-E

We certify that the material represented by this document has been tested and inspected and is in conformance with the purchase order, drawing(s) and specification requirements.

Approved by

Harold Acord
Quality Assurance Inspector