

# R EMPRESAS RIGA, S.A de C.V.

CONEXIÓN SOLDABLE

CARR. MTY-LAREDO KM. 24.2

APARTADO POSTAL 43 C.P. 65550 CIÉNEGA DE FLORES, N.L., MÉXICO

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CERTIFICADO DE CALIDAD No.: 9055 CERTIFIED TEST REPORT:	LISTA DE EMPAQUE: 5413 PACKING LIST:	FECHA: AGOSTO 8 de 2002 DATE:
VENDIDO A: TUBOS CONEXIONES Y TANQUES, S.A. DE C.V. SOLD TO: AVE. VALLE DE LAS ALMEDAS No. 66 SAN FRANCISCO CHILPAN TULTI., MEXICO, D.F.		PEDIDO DEL CLIENTE No. CUSTOMERS ORDER No.      EMBARCADO A: SHIP TO: LOS MISMOS

## PRUEBAS MECANICAS

CANT.	COLADA HEAT CODE	DESCRIPTION	ESF. DE CEDENCIA YIELD STRENGTH (PSI)	ESF. RUPTURA TENSILE STRENGTH (PSI)	ELONGACION ELONGATION % 2"	DUREZA HARDNESS HB
80	GO5	CODO R.L. 10 X 90 CED STD	44185	69493	41	141
54	DF5	CODO R.L. 12 X 90 CED STD	43303	68596	44	141
7	GB5	CODO R.L. 14 X 90 CED XS	44853	71299	44	143
1	DQ5	CODO R.L. 14 X 90 CED XS	51574	73678	30	146
17	UC4	CODO 16 X 45 CED STD	51546	74713	32	142
1	RO4	CODO 16 X 45 CED STD	53342	71161	37	142
11	DA5	CODO 16 X 45 CED STD	47812	71838	33	139
7	BM5	CODO 16 X 45 CED STD	48623	74380	30	136
40	DA5	CODO R.L. 16 X 90 CED STD	47812	71838	33	139
425	DJ4	TEE 2 CED STD	53789	73153	31	128
75	HR4	TEE 2 CED STD	47900	68500	39	119

## ANALISIS QUIMICO

COLADA HEAT CODE	C.E.	C	Mn	P	S	Si	Cr	Cu	Mo	Ni	V	Nb
GO5	0.309	0.180	0.660	0.009	0.002	0.270	0.050	0.060	0.017	0.030	0.000	0.000
DF5	0.300	0.170	0.660	0.016	0.004	0.270	0.050	0.064	0.017	0.040	0.000	0.000
GB5	0.326	0.180	0.760	0.008	0.002	0.270	0.040	0.068	0.018	0.050	0.000	0.000
DQ5	0.314	0.170	0.670	0.009	0.004	0.280	0.070	0.061	0.056	0.050	0.000	0.000
UC4	0.342	0.190	0.771	0.005	0.003	0.336	0.025	0.098	0.011	0.139	0.002	0.000
RO4	0.314	0.185	0.665	0.005	0.002	0.351	0.032	0.078	0.013	0.060	0.002	0.000
DA5	0.315	0.180	0.680	0.008	0.004	0.280	0.050	0.068	0.023	0.040	0.000	0.000
BM5	0.321	0.190	0.660	0.009	0.002	0.280	0.050	0.067	0.021	0.040	0.000	0.000
DA5	0.315	0.180	0.680	0.008	0.004	0.280	0.050	0.068	0.023	0.040	0.000	0.000
DJ4	0.315	0.187	0.676	0.005	0.001	0.354	0.024	0.090	0.002	0.052	0.002	0.000
HR4	0.336	0.190	0.790	0.008	0.003	0.200	0.050	0.010	0.010	0.010	0.007	0.000

LOS PRODUCTOS MANUFACTURADOS POR EMPRESAS RIGA, S.A. de C.V. ESTAN CONFORME A LAS SIGUIENTES ESPECIFICACIONES:

CC-008

PRODUCTS MANUFACTURED BY EMPRESAS RIGA, S.A. de C.V. ARE CONFORMING TO FOLLOWING SPECIFICATIONS:

STARTING MATERIAL SEAMLESS PIPE ASTM A 106 GRADE B. ACCORDING TO DIN 50049/3.1. B / EN 10204/3.1. B

ASTM A 234 / ASME SA 234 WPB, ASME B16.9, ASME B16.28 AND NACE MR 0175.

CONEXIONES SIN COSTURA, FORJADO EN CALIENTE Y NORMALIZADO  
SEAMLESS FITTINGS, HOT FORMED AND NORMALIZED

GERENTE DE ASEGURAMIENTO DE CALIDAD:

QUALITY ASSURANCE MANAGER:

**ING. JOSE MARTINEZ MAGIAS.**

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