

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.: 9054 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
1000	ER5	CODO R.L. 2 X 90 CED STD	49932	74685	38	126
150	YA4	CODO 2 1/2 X 45 CED STD	68326	81536	30	140
200	YA4	CODO R.L. 2 1/2 X 90 CED STD	68326	81536	30	140
100	EG5	CODO 4 X 45 CED STD	52322	72423	41	131
80	FF5	CODO 4 X 45 CED XS	45949	68141	41	137
456	FZ5	CODO R.L. 4 X 90 CED STD	49932	72693	41	132
13	LR4	CODO R.C. 6 X 90 CED STD	58092	77046	30	119
2	TJ4	CODO R.C. 6 X 90 CED STD	44810	66479	30	139
60	EC5	CODO 8 X 45 CED STD	51072	70480	31	132
60	FH5	CODO R.L. 8 X 90 CED STD	42606	69052	42	139
120	FO5	CODO R.L. 8 X 90 CED STD	45821	71882	41	135

ANALISIS QUIMICO

COLADA HEAT CODE	C.E.	C	Mn	P	S	Si	Cr	Cu	Mo	Ni	V	Nb
ER5	0.315	0.180	0.740	0.009	0.001	0.280	0.030	0.040	0.010	0.010	0.001	0.001
YA4	0.294	0.170	0.613	0.004	0.002	0.290	0.030	0.140	0.020	0.030	0.002	0.001
YA4	0.294	0.170	0.613	0.004	0.002	0.290	0.030	0.140	0.020	0.030	0.002	0.001
EG5	0.316	0.180	0.660	0.006	0.002	0.290	0.050	0.079	0.042	0.040	0.000	0.000
FF5	0.325	0.180	0.770	0.008	0.001	0.290	0.030	0.060	0.020	0.030	0.001	0.001
FZ5	0.349	0.190	0.810	0.009	0.001	0.290	0.050	0.060	0.040	0.030	0.001	0.001
LR4	0.296	0.190	0.564	0.001	0.001	0.414	0.010	0.120	0.002	0.005	0.004	0.000
TJ4	0.326	0.176	0.750	0.001	0.000	0.325	0.027	0.112	0.010	0.145	0.002	0.000
EC5	0.318	0.180	0.670	0.007	0.003	0.300	0.050	0.075	0.045	0.040	0.000	0.000
FH5	0.322	0.190	0.650	0.009	0.003	0.270	0.040	0.070	0.041	0.040	0.000	0.000
FO5	0.314	0.180	0.690	0.010	0.004	0.280	0.040	0.076	0.022	0.030	0.000	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 MAZAS.

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