

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

CONEXIÓN SOLDABLE

CARR. INTY-LAREDO KM. 24.2

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

TELS.: (8) 344-84-83, 344-84-45, 344-88-60

FAX: (8) 344-88-01

CERTIFICADO DE CALIDAD No.: 9058 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
56	XC4	RED. CONC. 4 X 2 CED STD	51440	70532	38	137
1	VZ4	RED. CONC. 4 X 2 CED STD	43517	68896	40	140
3	ST4	RED. CONC. 4 X 2 CED STD	49349	70389	47	135
56	XC4 ✓	RED. CONC. 4 X 2 1/2 CED STD	51440	70532	38	137
4	XL4	RED. CONC. 4 X 2 1/2 CED STD	52479	71769	38	131
120	XC4 ✓	RED. CONC. 4 X 3 CED STD	51440	70532	38	137
15	CZ5 ✓	RED. CONC. 12 X 10 CED XS	44475	70692	34	146
8	ZY4	RED. CONC. 12 X 6 CED STD	48183	71229	43	143
16	ZY4	RED. CONC. 12 X 10 CED STD	48183	71229	43	143
4	GS5	RED. CONC. 12 X 10 CED STD	47471	73575	42	147
22	GS5 ✓	RED. CONC. 12 X 6 CED STD	47471	73575	42	147

ANALISIS QUIMICO

COLADA HEAT CODE	C.E.	C	Mn	P	S	Si	Cr	Cu	Mo	Ni	V	Nb
XC4	0.300	0.160	0.730	0.003	0.002	0.270	0.040	0.072	0.015	0.040	0.000	0.000
VZ4	0.321	0.180	0.760	0.011	0.001	0.270	0.030	0.067	0.010	0.030	0.001	0.001
ST4	0.308	0.180	0.660	0.007	0.002	0.310	0.040	0.062	0.020	0.030	0.000	0.000
XC4	0.300	0.160	0.730	0.003	0.002	0.270	0.040	0.072	0.015	0.040	0.000	0.000
XL4	0.312	0.170	0.690	0.005	0.001	0.260	0.050	0.074	0.046	0.050	0.000	0.000
XC4	0.300	0.160	0.730	0.003	0.002	0.270	0.040	0.072	0.015	0.040	0.000	0.000
CZ5	0.305	0.180	0.650	0.008	0.001	0.280	0.040	0.050	0.016	0.030	0.000	0.000
ZY4	0.319	0.180	0.680	0.007	0.002	0.260	0.050	0.063	0.046	0.030	0.000	0.000
ZY4	0.319	0.180	0.680	0.007	0.002	0.260	0.050	0.063	0.046	0.030	0.000	0.000
GS5	0.339	0.190	0.780	0.012	0.003	0.300	0.050	0.062	0.010	0.040	0.000	0.000
GS5	0.339	0.190	0.780	0.012	0.003	0.300	0.050	0.062	0.010	0.040	0.000	0.000

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

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:

CC-008

ENG. JOSE MARTINEZ MAGLAS.
e-mail jmartinez@empresasriga.com