

DIAMETRO: DIAMETER: 12 3/4"	ESPESOR DE PARED WALL THICKNESS 0.375"	GRADO: GRADE: ASTM A53-B	PRESION HIDROSTATICA: HYDROSTATIC TEST: 87 Kg/cm <sup>2</sup> 1240 PSI
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NUM. PROBEA DESCRIPTION	COLADA HEAT	PRUEBAS DE TENSION TENSILE TEST		ULTIMA TENSION TENSILE STRENGTH (P.S.I.)	% ELONG. E <sub>2</sub>	ANALISIS QUIMICO % EN PESO CHEMICAL ANALYSES PERCENT WEIGHT														
		LIMITE ELASTICO YIELD STRENGTH (P.S.I.)	LEAIT V.S.F.T.S			C	Mn	P	S	Cb	V	Ti	Si	Cu	Al	Ca	Cr	Ni	Mn <sub>0</sub>	N
7-5 Tc Ts	152741	70 375	0.83	84 618 94 109	31	0.099	1.11	0.018	0.004	0.043	0.003	0.008	0.180	0.050	0.029	0.0020	0.020	0.040	0.009	0.0055
14-14 Tc Ts	152744	73 591	0.89	82 458 89 568	35	0.097	1.12	0.017	0.003	0.047	0.003	0.008	0.219	0.030	0.043	0.0020	0.030	0.030	0.010	0.0070
24-7 Tc Ts	152755	72 602	0.88	82 109 88 031	35	0.098	1.11	0.011	0.004	0.047	0.002	0.010	0.209	0.020	0.041	0.0016	0.020	0.030	0.008	0.0069
22-1 Tc Ts	250153	61 020	0.85	71 949 79 050	36	0.086	0.66	0.013	0.005	0.031	0.003	0.003	0.200	0.330	0.039	0.0032	0.020	0.040	0.007	0.0050
16-18 Tc Ts	251322	55 420	0.83	67 058 77 190	36	0.152	1.05	0.016	0.008	0.001	0.005	0.003	0.180	0.030	0.032	0.0027	0.030	0.030	0.007	0.0050
18-18 Tc Ts	251325	57 947	0.78	74 096 81 359	42	0.166	1.10	0.010	0.005	0.001	0.002	0.003	0.200	0.030	0.042	0.0029	0.020	0.030	0.007	0.0040
9-15 Tc Ts	251326	55 689	0.78	71 857 77 248	38	0.168	1.08	0.015	0.007	0.001	0.003	0.004	0.200	0.030	0.039	0.0024	0.020	0.030	0.007	0.0050
20-11 Tc Ts	251329	55 830	0.80	69 389 76 974	37	0.171	1.09	0.013	0.006	0.001	0.002	0.003	0.210	0.020	0.042	0.0028	0.020	0.030	0.007	0.0040
34-6 Tc Ts	251402	58 396	0.85	68 756 74 128	37	0.158	1.10	0.018	0.008	0.001	0.005	0.003	0.180	0.030	0.059	0.0021	0.020	0.040	0.008	0.0040
27-2 Tc Ts	251403	52 599	0.78	67 053 74 069	38	0.164	1.07	0.016	0.008	0.001	0.005	0.003	0.180	0.020	0.028	0.0030	0.030	0.030	0.010	0.0070
6-18 Tc Ts	251404	56 723	0.79	72 039 77 669	40	0.156	1.09	0.017	0.010	0.002	0.005	0.003	0.180	0.020	0.042	0.0031	0.020	0.030	0.009	0.0040
12-19 Tc Ts	251405	59 805	0.82	73 285 79 169	36	0.180	1.12	0.015	0.006	0.001	0.004	0.003	0.170	0.030	0.044	0.0022	0.020	0.030	0.007	0.0030
2-2 Tc Ts	251408	58 236	0.81	72 131 79 582	40	0.150	1.10	0.017	0.005	0.001	0.002	0.003	0.210	0.020	0.042	0.0027	0.030	0.030	0.007	0.0040
4-9 Tc Ts	251409	58 374	0.85	68 561 72 129	39	0.167	1.10	0.013	0.005	0.001	0.002	0.003	0.170	0.020	0.039	0.0020	0.020	0.030	0.006	0.0040

CERTIFICAMOS QUE LA TUBERIA AQUI DESCRITA CUMPLE Y HA SIDO FABRICADA, MUESTREADA, PROBADA E INSPECCIONADA DE ACUERDO CON LOS REQUISITOS APPLICABLES DE LA ESPECIFICACION:  
ASTM A53-B-02

WE CERTIFY THE PIPE ABOVE MENTIONED ACCOMPLISH AND HAS BEEN MANUFACTURED, SAMPLED, TESTED AND INSPECTED IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF SPECIFICATIONS:

ING. FERNANDO V. SORIANO PEREZ  
GERENTE DE ASISTENCIA TECNICA