TUBOS DE ACERO CON COSTURA

TABLA DE PESOS TEORICOS (Kg x metro)

COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV GL = ISO 9001 =

SIDERSA CENTRO DE SOLUCIONES PARA LA INDUSTRIA

ESPESOR EN MILIMETROS

Tubos Redondos Pulgadas	Tubos Redondos mm	Cuadrado	Rectangular	0.65	0.70	0.80	0.90	1.00	1.10	1.25	1.40	1.50	1.60	1.80	2.00	2.50	2.85	3.20	4.00	4.75	5.15	5.50	6.35	7.00	8.00
3/8"	9.53			0.142	0.152	0.172	0.191																		
1/2"	12.70			0.193	0.207	0.235	0.262	0.288	0.315	0.353															
		10x10		0.182	0.195	0.218	0.241	0.262	0.283	0.312															
5/8"	15.87			0.244	0.262	0.297	0.332	0.367	0.400	0.450	0.499	0.531	0.563												
		12x12		0.223	0.238	0.268	0.297	0.325	0.352	0.390	0.426	0.449	0.471												
3/4"	19.05			0.295	0.317	0.360	0.403	0.445	0.487	0.548	0.609	0.649	0.688												
		15x15		0.284	0.304	0.344	0.382	0.419	0.456	0.508	0.558	0.590	0.621												
		10x20																							
7/8"	22.23			0.346	0.371	0.423	0.473	0.523	0.573	0.646	0.719	0.766	0.814	0.906	0.997										
		15x20		0.335	0.359	0.407	0.453	0.498	0.542	0.606	0.668	0.708	0.747	0.822	0.893										
		10x25																							
1"	25.40				0.426	0.485	0.544	0.601	0.659	0.744	0.828	0.884	0.939	1.047	1.154	1.411									
		20x20																							
		15x25		0.386	0.414	0.469	0.523	0.576	0.628	0.704	0.778	0.826	0.873	0.963	1.050	1.247									
		10x30																							
		14x30		0.427	0.458	0.520	0.580	0.639	0.697	0.783	0.866	0.920	0.973	1.076	1.175										
1 1/8"	28.57					0.548	0.614	0.680	0.745	0.842	0.938	1.001	1.064	1.188	1.310	1.606									
		15x30				0.532	0.594	0.655	0.715	0.802	0.888	0.944	0.998	1.104	1.207	1.444									
1 1/4"	31.75				0.536	0.610	0.684	0.758	0.831	0.940	1.047	1.118	1.189	1.329	1.467	1.802									
		25x25																							
		20x30			0.524	0.595	0.665	0.733	0.801	0.901	0.998	1.061	1.124	1.246	1.364	1.640									
		10x40																							
1 3/8"	34.92					0.673	0.755	0.836	0.917	1.037	1.157	1.236	1.314	1.469	1.623	1.998									
		20x35				0.658	0.735	0.812	0.887	0.999	1.108	1.179	1.249	1.387	1.521	1.836									
1 1/2"	38.10				0.645	0.736	0.825	0.914	1.003	1.135	1.266	1.353	1.440	1.611	1.780	2.194									
		30x30																							
		20x40				0.721	0.806	0.890	0.974	1.097	1.218	1.297	1.375	1.528	1.678	2.032									
1 5/8"	41.27						0.896	0.993	1.089	1.233	1.376	1.470	1.565	1.751	1.936	2.389	2.699								
		25x40					0.877	0.969	1.060	1.195	1.328	1.415	1.501	1.670	1.835	2.229	2.489								
1 3/4"	44.45					0.861	0.966	1.071	1.175	1.331	1.486	1.588	1.690	1.892	2.093	2.585	2.922								
		35x35																							
		20x50				0.846	0.947	1.047	1.146	1.293	1.437	1.532	1.626	1.811	1.992	2.425	2.713								
		30x40																							
1 7/8"	47.62						1.036	1.149	1.261	1.429	1.595	1.705	1.815	2.033	2.249	2.780	3.145								
		25x50					1.018	1.126	1.233	1.391	1.547	1.650	1.752	1.952	2.149	2.621	2.937								
		35x57					1.258	1.393	1.526	1.725	1.921	2.050	2.179	2.433	2.682	3.288	3.697								
2"	50.80					0.986	1.107	1.228	1.348	1.527	1.705	1.823	1.940	2.174	2.406	2.976	3.368	3.755	4.614						
		40x40																							
		20x60					1.089	1.204	1.319	1.489	1.657	1.768	1.877	2.094	2.306	2.817	3.160	3.491	4.198						
		30x50																							
		50x34					1.145	1.267	1.388	1.568	1.745	1.862	1.978	2.207	2.431	2.974	3.339								
2 1/4"	57.15						1.248	1.384	1.520	1.722	1.924	2.058	2.191	2.456	2.719	3.368	3.815	4.255							
		45x45																							
		30x60					1.230	1.361	1.492	1.686	1.877	2.003	2.129	2.376	2.620	3.210	3.608	3.993							
		40x50																							
2 1/2"	63.50						1.389	1.541	1.692	1.918	2.143	2.292	2.441	2.738	3.032	3.759	4.261	4.756	5.870	6.879	7.407				
		50x50																							
		30x70					1.371	1.518	1.665	1.882	2.097	2.239	2.380	2.659	2.934	3.602	4.055	4.495	5.454	6.293	6.717				
		40x60																							
3"	76.20						1.670	1.854	2.036	2.309	2.581	2.762	2.940	3.301	3.660	4.540	5.153	5.758	7.120	8.390	9.019	9.585			
		60x60																							
		40x80					1.654	1.832	2.010	2.274	2.536	2.710	2.882	3.224	3.562	4.387	4.950	5.500	6.710	7.784	8.334	8.801			
		50x70																							
		20x100																							
3 1/2"	88.90											3.231	3.443	3.864	4.284	5.330	6.045	6.760	8.380	9.880	10.631	11.310	12.930	14.131	
		70x70																							
		40x100										3.181	3.385	3.789	4.190	5.172	5.845	6.505	7.966	9.276	9.951	10.528	11.876	12.857	
		60x80																							
		50x90																							
3 3/4"			50x100										3.636	4.072	4.504	5.565	6.293	7.007	8.594	10.022	10.759	11.391	12.873		
4"	101.60												3.944	4.428	4.910	6.110	6.937	7.770	9.630	11.370	12.244	13.028	14.920	16.323	
		80x80																							
		40x120											3.887	4.354	4.820	5.960	6.740	7.510	9.220	10.767	11.568	12.255	13.870	15.055	
		60x100																							
4 1/2"	114.30												4.445	4.991	5.536	6.889	7.829	8.763	10.875	12.826	13.856	14.750	16.896	18.514	20.962
		90x90																							
		40x140											4.389	4.920	5.446	6.740	7.635	8.515	10.478	12.259	13.185	13.982	15.864	17.253	
		60x120																							
		80x100																							
5"	127.00												4.946	5.555	6.162	7.680	8.721	9.770	12.130	14.320	15.468	16.472	18.890	20.705	23.466
		100x100																							
		50x150																							
		60x140											4.892	5.485	6.074	7.527	8.530	9.520	11.730	13.750	14.802	15.709	17.858	19.451	21.817
		70x130																							
		80x120																							
5 1/2"	139.70												5.446	6.118	6.788	8.455	9.614	10.767	13.379	15.800	17.080	18.193	20.872	22.896	25.970
		70x150																							
		80x140													6.702	8.312	9.425	10.524	12.990	15.242	16.419	17.436	19.852	21.649	24.329
		100x120											5.394	6.050											
6"	152.40														7.414	9.237	10.506	11.768	14.632	17.287	18.692	19.915	22.860	25.088	28.475
		120x120													7.330	9.097	10.320	11.529	14.250	16.733	18.036	19.163	21.846	23.847	26.840
		80x160																							
6 5/8"	168.30														8.198	10.217	11.623	13.030	16.210	19.160	20.711	22.071	25.360	28.230	31.610
7"	175.60																12.136	13.598	16.919	20.004	21.637	23.060	26.491	29.091	33.049
		140x140														10.667									
		100x180															12.109	13.539	16.760	19.716	21.270	22.617	25.833	28.243	31.860
		120x160																							
7 1/2"	190.50																	14.774	18.388	21.748	23.529	25.080	28.823	31.662	35.988
		150x150																14.543	18.010	21.208	22.888	24.344	27.827	30.441	34.380
		140x160																							
8 5/8"	219.10																	17.030	21.240	25.180	27.159	28.958	33.350	36.596	41.440
		175x175																							
		100x250																17.055	21.154	24.937	26.930	28.661	32.812	35.936	40.657
		150x200																							
Espesor en mm.				0.65	0.70	0.80	0.90	1.00	1.10	1.25	1.40	1.50	1.60	1.80	2.00	2.50	2.85	3.20	4.00	4.75	5.15	5.50	6.35	7.00	8.00

Tubos Uso General y Estructural: largo estándar 6 metros
Medidas mayores o iguales a 5 1/2": largo estándar 12 metros

Tubos Uso Mecánico: largo estándar 6,40 metros
Medidas mayores o iguales a 5": largo estándar 12.8 metros

Largo Mínimo de Barra: 4 metros
Tolerancia en el largo: -0 / +50 mm. Largos especiales: consultar tolerancia restringida

Tubos para uso general según Norma IRAM IAS U 500 228
Tubos para uso estructural según Norma IRAM IAS U 500 2592
Tubos Uso Mecánico según Norma IRAM IAS U 500 2590 - tipo I

TUBOS USO MECANICO

Diám. Nom.	Diám. Ext	2.00	2.25	2.50	2.85	3.20	3.50	4.00	4.75	5.15	5.50	6.35	7.00	8.00
3/4"	26.75	1.220	1.359	1.494										
1"	33.70	1.563	1.744	1.923										
1 1/4"	42.40	1.992	2.227	2.459	2.778									
1 1/2"	48.30	2.282	2.554	2.822	3.193									
2"	60.30	2.874	3.219	3.562	4.036	4.504								
2 1/2"	76.20	3.658	4.101	4.542	5.153	5.758	6.357	7.119	8.366	9.019	9.585			
3"	88.90	4.284	4.806	5.324	6.045	6.760	7.468	8.371	9.853	10.631	11.306	12.921	14.131	
4"	114.30	5.536	6.214	6.889	7.829	8.763	9.691	10.875	12.826	13.856	14.750	16.896	18.514	20.962
5"	139.70	6.788	7.623	8.455	9.614	10.767	11.914	13.379	15.800	17.080	18.193	20.872	22.896	25.970
6"	168.30	8.198	9.209	10.217	11.623	13.023	14.416	16.199	19.160	20.711	22.071	25.349	27.831	31.610
8"	219.10					17.030	18.600	21.208	25.097	27.159	28.958	33.300	35.596	41.627