

TABLA DE PESOS TEORICOS (Kg x metro)

ESPESOR EN MILIMETROS																												
Tubos Redondos Pulgadas	mm	Cuadrado	Rectan- gular	0.50	0.55	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	7.11	8.00	
3/8"	9.53			0.111	0.122	0.142	0.152	0.172	0.192																			
1/2"	12.70			0.150	0.166	0.193	0.210	0.235	0.262	0.289	0.315	0.353																
		10x10				0.182	0.195	0.218	0.241	0.262	0.283	0.312																
5/8"	15.87			0.190	0.208	0.244	0.262	0.297	0.332	0.367	0.401	0.451	0.500	0.532	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			0.229	0.251	0.295	0.320	0.360	0.403	0.445	0.487	0.550	0.609	0.649	0.690													
		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			0.268	0.294	0.346	0.372	0.423	0.473	0.524	0.573	0.647	0.719	0.767	0.814	0.907	0.998											
		10x25				0.335	0.359	0.407	0.453	0.498	0.542	0.606	0.668	0.708	0.747	0.822	0.893											
		15x20																										
1"	25.40					0.397	0.430	0.485	0.544	0.602	0.659	0.744	0.829	0.884	0.940	1.048	1.154	1.412										
		20x20																										
		10x30				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										
		15x25																										
		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	1.607										
		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	0.611	0.680	0.758	0.831	0.940	1.048	1.119	1.190	1.330	1.470	1.803											
		25x25																										
		10x40				0.524	0.595	0.665	0.733	0.801	0.901	0.998	1.061	1.124	1.246	1.364	1.640											
		20x30																										
1 3/8"	34.92							0.673	0.755	0.837	0.917	1.038	1.157	1.236	1.315	1.470	1.624	1.999										
		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					0.646	0.736	0.830	0.915	1.004	1.140	1.267	1.354	1.440	1.611	1.781	2.190											
		30x30																										
		20x40				0.634	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	1.090	1.234	1.377	1.471	1.565	1.752	1.937	2.390	2.700									
		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	0.970	1.072	1.176	1.332	1.486	1.589	1.691	1.893	2.094	2.590	2.924									
		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								1.037	1.150	1.262	1.429	1.596	1.706	1.816	2.034	2.250	2.782	3.147									
		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	1.110	1.228	1.348	1.530	1.706	1.824	1.941	2.175	2.410	2.980	3.370	3.760	4.617							
		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								1.250	1.385	1.521	1.720	1.925	2.059	2.190	2.457	2.720	3.370	3.816	4.260								
		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	1.693	1.920	2.144	2.294	2.442	2.739	3.033	3.761	4.263	4.760	5.870	6.882	7.411					
		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								1.671	1.855	2.037	2.310	2.583	2.763	2.944	3.303	3.660	4.544	5.155	5.761	7.122	8.370	9.024	9.590				
		60x60																										
		40x80							1.654	1.832	2.010	2.274	2.536	2.710														
		50x70													2.882	3.224	3.562	4.387	4.950	5.500	6.710	7.784	8.334	8.801				
		20x100																										
3 1/2"	88.90															3.233	3.445	3.866	4.286	5.330	6.048	6.763	8.380	9.858	10.6	11.3	12.9	14.3
		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	13.019
		50x90																										
		60x80																										

TUBOS DE ACERO CON COSTURA
TABLA DE PESOS TEORICOS (Kg x metro)

ESPESOR EN MILIMETROS																														
Tubos Redondos		Cuadrado	Rectan- gular	0.50	0.55	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	7.11	8.00			
Pulgadas	mm																													
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														3.946	4.430	4.913	6.110	6.941	7.770	9.630	11.345	12.250	13.035	14.920	16.568				
		80x80																												
			40x120												3.887	4.354	4.818	5.957	6.740	7.510	9.222	10.767	11.568	12.255	13.870	15.251				
			60x100																											
			70x90												3.887	4.354	4.818	5.957	6.740	7.510	9.222	10.767	11.568	12.255	13.870					
4 1/2"	114.30														4.447	4.994	5.539	6.893	7.833	8.768	10.881	12.833	13.863	14.757	16.905					
		90x90																												
			40x140												4.389	5.446	5.446	6.742	7.635	8.515	10.478	12.259	13.185	13.982	15.864	17.484				
			60x120																											
			60x125												4.515	5.061	5.603	6.939	7.859	8.766	10.792	12.632	13.589	14.413	16.362					
			80x100												4.389	5.446	5.446	6.742	7.635	8.515	10.478	12.259	13.185	13.982	15.864	17.484				
5"	127.00														4.948	5.558	6.165	7.680	8.726	9.770	12.133	14.321	15.476	16.480	18.894	21.022	23.478			
		100x100																												
			50x150																											
			60x140												4.892	5.485	6.074	7.527	8.530	9.519	11.734	13.750	14.802	15.709	17.858	19.716	21.817			
			70x130																											
			80x120																											
5 1/2"	139.70														5.449	6.121	6.792	8.459	9.619	10.772	13.386	15.808	17.089	18.203	20.883	23.249	25.983			
			70x150														6.702	8.312	9.425	10.524	12.990	15.242	16.419	17.436	19.852	21.949	24.329			
			75x150												5.520	6.191	6.859	8.509	9.648	10.775	13.304	15.615	16.823	17.867	20.350	22.507	24.957			
			80x140														6.702	8.312	9.425	10.524	12.990	15.242	16.419	17.436	19.852	21.949	24.329			
			100x120												5.394	6.050														
			100x130												5.645	6.333	7.016	8.705	9.872	11.027	13.618	15.988	17.228	18.229	20.849	23.065	25.585			
			110x120																											
6"	152.40																			7.418	9.242	10.511	11.774	14.639	17.296	18.702	19.925	22.872	25.476	28.489
		120x120																												
			80x160														7.330	9.097	10.320	11.529	14.246	16.733	18.036	19.163	21.846	24.181	26.841			
			100x140																											
6 5/8"	168.30																	8.202	10.222	11.629	13.030	16.210	19.160	20.721	22.082	25.361	28.264	31.626		
			90x180															8.272	10.275	11.662	13.036	16.130	18.971	20.462	21.753	24.836	27.530	30.609		
			100x160															7.958	9.882	11.214	12.534	15.502	18.225	19.653	20.890	23.839	26.414	29.353		
7"	175.60																			10.672	12.142	13.605	16.928	20.014	21.648	23.072	26.505	29.544	33.066	
		140x140																												
			100x180														10.667	12.109	13.539	16.758	19.716	21.270	22.617	25.833	28.646	31.865				
			120x160																											
7 1/2"	190.50																													
		150x150																												
			100x200																											
			140x160																											
8 5/8"	219.10																													
		175x175																												
			100x250																											
			150x200																											
Espesor en mm.				0.50	0.55	0.65	0.70	0.80	0.90	1.00	1.10	1.3	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	7.11	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 Mec": largo estándar 12.8 metros

Largos Mínimos y Máximos de Barra: consultar según medida
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. Ex.	2.00	2.25	2.50	2.85	3.20	3.50	4.00	4.75	5.15	5.50	6.35	7.11	8.00
18	26.75	1.221	1.359	1.495										
1"	33.70	1.564	1.745	1.924	2.168									
1 1/4"	42.40	1.993	2.228	2.460	2.780									
1 1/2"	48.30	2.284	2.555	2.824	3.194									
2"	60.30	2.876	3.221	3.564	4.038									
2 1/2"	76.20	3.660	4.103	4.544	5.155	5.761	6.275	7.122	8.370	9.024	9.590	12.927	14.341	
3"	88.90	4.286	4.808	5.327	6.048	6.763	7.371	8.375	9.858	10.637	11.312			
4"	114.30	5.539	6.217	6.893	7.833	8.768	9.564	10.881	12.833	13.863	14.757	16.905	18.795	20.972
5"	139.70	6.792	7.627	8.459	9.619	10.772	11.756	13.386	15.808	17.089	18.203	20.883	23.249	25.983
6"	168.30	8.202	9.214	10.222	11.629	13.029	14.225	16.208	19.159	20.721	22.082	25.361	28.264	31.626
8"	219.10					17.038	18.610	21.219	25.109	27.173	28.972	33.317	37.171	41.648