



# TUBI SECONDO NORME API 5L e ASTM A 106

Tubi di acciaio senza saldatura e saldati secondo le norme ANSI B 36.10

## DIMENSIONI E MASSE

Diametro			Spessore		Massa del tubo liscio		Identificazione		
nominale	esterno		in.	mm	lb/ft	kg/m	Corrisp. norme API	Standard *X-Strong *XX-Strong	Numero di schedata
in.	in.	mm							
1/2	0.840	21,3	.109	2,77	0,85	1,27	5L	STD	40
			.147	3,73	1,09	1,62	5L	XS	80
			.188	4,78	1,31	1,95			160
			.294	7,47	1,71	2,55	5L	XXS	
3/4	1.050	26,7	.113	2,87	1,13	1,68	5L	STD	40
			.154	3,91	1,47	2,19	5L	XS	80
			.219	5,56	1,94	2,89			160
			.308	7,82	2,44	3,63	5L	XXS	
1	1.315	33,4	.133	3,38	1,68	2,50	5L	STD	40
			.179	4,55	2,17	3,23	5L	XS	80
			.250	6,35	2,84	4,23			160
			.358	9,09	3,66	5,45	5L	XXS	
1 1/4	1.660	42,2	.140	3,56	2,27	3,38	5L	STD	40
			.191	4,85	3,00	4,47	5L	XS	80
			.250	6,35	3,76	5,60			160
			.382	9,70	5,21	7,76	5L	XXS	
1 1/2	1.900	48,3	.145	3,68	2,72	4,05	5L	STD	40
			.200	5,08	3,63	5,41	5L	XS	80
			.281	7,14	4,86	7,24			160
			.400	10,16	6,41	9,55	5L	XXS	
2	2.375	60,3	.109	2,77	2,64	3,93	5L 5LX		
			.125	3,18	3,00	4,47	5L 5LX		
			.141	3,58	3,36	5,00	5L 5LX		
			.154	3,91	3,65	5,44	5L 5LX	STD	40
			.172	4,37	4,05	6,03	5LX		
			.188	4,78	4,39	6,54	5LX		
			.218	5,54	5,02	7,48	5L 5LX	XS	80
			.250	6,35	5,67	8,45	5LX		
			.281	7,14	6,28	9,35	5LX		
			.344	8,74	7,46	11,11			160
			.436	11,07	9,03	13,45	5L 5LX	XXS	
			.109	2,77	3,22	4,80	5L 5LX		
			.125	3,18	3,67	5,46	5L 5LX		
			.141	3,58	4,12	6,14	5L 5LX		
			.156	3,96	4,53	6,75	5LX		
			.172	4,37	4,97	7,40	5LX		
.188	4,78	5,40	8,04	5LX					
.203	5,16	5,79	8,68	5L 5LX	STD	40			
.216	5,49	6,13	9,13	5LX					
.250	6,35	7,01	10,44	5LX					
.276	7,01	7,66	11,41	5L 5LX	XS	80			
.375	9,52	10,01	14,91			160			
.552	14,02	13,69	20,41	5L 5LX	XXS				
3	3.500	88,9	.125	3,18	4,51	6,72	5L 5LX		
			.141	3,58	5,06	7,54	5L 5LX		
			.156	3,96	5,57	8,30	5L 5LX		
			.172	4,37	6,11	9,10	5LX		
			.188	4,78	6,65	9,91	5L 5LX		
			.216	5,49	7,58	11,29	5L 5LX	STD	40
			.250	6,35	8,68	12,93	5L 5LX		
			.281	7,14	9,66	14,39	5L 5LX		
			.300	7,62	10,25	15,27	5L 5LX	XS	80
			.438	11,13	14,32	21,33			160
			.600	15,24	18,58	27,67	5L 5LX	XXS	
			.141	3,58	5,81	8,65	5LX		
			.156	3,96	6,40	9,53	5L 5LX		
			.172	4,37	7,03	10,47	5LX		
			.188	4,78	7,65	11,39	5L 5LX		
			.226	5,74	9,11	13,57	5L 5LX	STD	40
.250	6,35	10,01	14,91	5L 5LX					
.281	7,14	11,16	16,62	5L 5LX					
.318	8,08	12,50	18,63	5L 5LX	XS	80			

\* X = Extra; XX = Double Extra



Diametro			Spessore		Massa del tubo liscio		Identificazione		
nominale	esterno		in.	mm	lb/ft	kg/m	CorrISP. norme API	Standard *X-Strong *XX- Strong	Numero di schedula
in.	in.	mm							
4	4.500	114,3	.141	3,58	6,56	9,77	5L 5LX	STD	40
			.156	3,96	7,24	10,78	5L 5LX		
			.172	4,37	7,95	11,84	5L 5LX		
			.188	4,78	8,56	12,90	5L 5LX		
			.203	5,16	9,32	13,88	5L 5LX		
			.219	5,56	10,01	14,91	5L 5LX		
			.237	6,02	10,79	16,07	5L 5LX		
			.250	6,35	11,35	16,91	5L 5LX		
			.281	7,14	12,66	18,86	5L 5LX		
			.312	7,92	13,96	20,79	5L 5LX		
			.337	8,56	14,98	22,31	5L 5LX		
			.438	11,13	19,00	28,30	5L 5LX		
			.531	13,49	22,51	33,53	5L 5LX		
			.674	17,12	27,54	41,02	5L 5LX		
			.156	3,96	9,01	13,42	5L		
			.188	4,78	10,79	16,07	5L		
.219	5,56	12,50	18,62	5L					
.258	6,55	14,62	21,78	5L					
.281	7,14	15,85	23,61	5L					
.312	7,92	17,50	26,07	5L					
.344	8,74	19,17	28,55	5L					
.375	9,52	20,78	30,95	5L					
.500	12,70	27,04	40,28	5L					
.625	15,88	32,96	49,09	5L					
.750	19,05	38,55	57,42	5L					
.156	3,96	10,78	16,06	5L 5LX					
.172	4,37	11,85	17,65	5L 5LX					
.188	4,78	12,92	19,24	5L 5LX					
.203	5,16	13,92	20,73	5L 5LX					
.219	5,56	14,98	22,31	5L 5LX					
.250	6,35	17,02	25,35	5L 5LX					
.280	7,11	18,97	28,26	5L 5LX					
.312	7,92	21,04	31,34	5L 5LX					
.344	8,74	23,08	34,38	5L 5LX					
.375	9,52	25,03	37,28	5L 5LX					
.432	10,97	28,57	42,56	5L 5LX					
.500	12,70	32,71	48,72	5L 5LX					
.562	14,27	36,39	54,20	5L 5LX					
.625	15,88	40,05	59,65	5L 5LX					
.719	18,26	45,35	67,55	5L 5LX					
.864	21,95	53,16	79,18	5L					
.188	4,78	16,94	25,23	5L 5LX					
.203	5,16	18,26	27,20	5LX					
.219	5,56	19,66	29,28	5L 5LX					
.250	6,35	22,36	33,31	5L 5LX					
.277	7,04	24,70	36,79	5L 5LX					
.312	7,92	27,70	41,26	5L 5LX					
.322	8,18	28,55	42,53	5L 5LX					
.344	8,74	30,42	45,31	5L 5LX					
.375	9,52	33,04	49,21	5L 5LX					
.406	10,31	35,64	53,09						
.438	11,13	38,30	57,05	5L 5LX					
.500	12,70	43,39	64,63	5L 5LX					
.562	14,27	48,40	72,09	5L 5LX					
.594	15,09	50,95	75,89						
.625	15,88	53,40	79,54	5L 5LX					
.719	18,26	60,71	90,43	5L 5LX					
.812	20,62	67,76	100,93						
.875	22,22	72,42	107,87	5L					
.906	23,01	74,69	111,25						
.203	5,16	22,87	34,06	5L 5LX					
.219	5,56	24,63	36,69	5L 5LX					
.250	6,35	28,04	41,77	5L 5LX					
.279	7,09	31,20	46,47	5L 5LX					
.307	7,80	34,24	51,00	5L 5LX					
.344	8,74	38,23	56,94	5L 5LX					
.365	9,27	40,48	60,29	5L 5LX					
.438	11,13	48,24	71,85	5L 5LX					
.500	12,70	54,70	81,54	5L 5LX					

\* X = Extra; XX = Double Extra

Diametro			Spessore		Massa del tubo liscio		Identificazione		
nominale	esterno		in.	mm	lb/ft	kg/m	CorrISP. norme API	Standard *X-Strong *XX- Strong	Numero di schedula
in.	in.	mm							
10	10.750	273,0	.562	14,27	61.15	91,08	5L 5LX	XXS	80
			.594	15,09	64.43	92,97	5L 5LX		
			.625	15,88	67.58	100,66	5L 5LX		
			.719	18,26	77.03	114,74	5L 5LX		
			.812	20,62	86.18	128,37	5L		
			.844	21,44	89.29	133,00			
			1.000	25,40	104.13	155,10			
			1.125	28,58	115.64	172,25			
			.250	6,35	33.38	49,72	5L 5LX		
			.281	7,14	37.42	55,74	5L 5LX		
12	12.750	323,8	.312	7,92	41.45	61,74	5L 5LX	STD	20
			.330	8,38	43.77	65,20	5L 5LX		
			.344	8,74	45.58	67,89	5L 5LX		
			.375	9,52	49.56	73,82	5L 5LX		
			.406	10,31	53.52	79,72	5LX		
			.438	11,13	57.59	85,78	5L 5LX		
			.500	12,70	65.42	97,44	5L 5LX		
			.562	14,27	73.15	108,96	5L 5LX		
			.625	15,88	80.93	120,55	5L 5LX		
			.688	17,48	88.63	132,01	5L 5LX		
14	14.000	355,6	.750	19,05	96.12	143,17	5L 5LX	XS	30
			.812	20,62	103.53	154,21	5L 5LX		
			.844	21,44	107.32	159,85	5L 5LX		
			.875	22,22	110.97	165,29	5L 5LX		
			.250	6,35	36.71	54,68	5L 5LX		
			.281	7,14	41.17	61,32	5L 5LX		
			.312	7,92	45.61	67,94	5L 5LX		
			.344	8,74	50.17	74,73	5L 5LX		
			.375	9,52	54.57	81,28	5L 5LX		
			.406	10,31	58.94	87,79	5LX		
16	16.000	406,4	.438	11,13	63.44	94,49	5L 5LX	STD	40
			.469	11,91	67.78	100,96	5LX		
			.500	12,70	72.09	107,38	5L 5LX		
			.562	14,27	80.66	120,14	5L 5LX		
			.594	15,09	85.05	126,68			
			.625	15,88	89.28	132,98	5L 5LX		
			.688	17,48	97.81	145,69	5L 5LX		
			.750	19,05	106.13	158,08	5L 5LX		
			.812	20,62	114.37	170,35	5L		
			.938	23,83	130.85	194,90			
18	18.000	457,2	.250	6,35	42.05	62,63	5L 5LX	XS	60
			.281	7,14	47.17	70,26	5L 5LX		
			.312	7,92	52.27	77,86	5L 5LX		
			.344	8,74	57.52	85,68	5L 5LX		
			.375	9,52	62.58	93,21	5L 5LX		
			.406	10,31	67.62	100,72	5LX		
			.438	11,13	72.80	108,44	5L 5LX		
			.469	11,91	77.79	115,87	5LX		
			.500	12,70	82.77	123,29	5L 5LX		
			.562	14,27	92.66	138,02	5L 5LX		
18	18.000	457,2	.625	15,88	102.63	152,87	5L 5LX	STD	80
			.656	16,66	107.50	160,12	5L 5LX		
			.688	17,48	112.51	167,58	5L 5LX		
			.750	19,05	122.15	181,94	5L 5LX		
			.812	20,62	131.71	196,18	5L		
			.844	21,44	136.61	203,48			
			1.031	26,19	164.82	245,50			
			1.062	26,97	169.43	252,37	5L 5LX		
			1.125	28,58	178.72	266,20	5L 5LX		
			.250	6,35	47.39	70,59	5L 5LX		
.281	7,14	53.18	79,21	5L 5LX					
.312	7,92	58.94	87,79	5L 5LX					
.344	8,74	64.87	96,62	5L 5LX					
.375	9,52	70.59	105,14	5L 5LX					
.406	10,31	76.29	113,63	5LX					
.438	11,13	82.15	122,36	5L 5LX					
.469	11,91	87.81	130,79	5LX					
.500	12,70	93.45	139,19	5L 5LX					
.562	14,27	104.67	155,91	5L 5LX					
.625	15,88	115.98	172,75	5L 5LX					
.688	17,48	127.21	189,48	5L 5LX					
.750	19,05	138.17	205,80	5L 5LX					
.812	20,62	149.06	222,02	5L 5LX					
.938	23,83	170.92	254,59						
1.156	29,36	207.96	309,76						

Diametro			Spessore		Massa del tubo liscio		Identificazione				
nominale	esterno		in.	mm	lb/ft	kg/m	CorrISP. norme API	Standard *X-Strong *XX- Strong	Numero di schedala		
in.	in.	mm									
20	20.000	508,0	1.187	30,15	213.14	317,47	5L 5LX	STD	40		
			1.250	31,75	223.61	333,07	5L 5LX				
			.250	6,35	52.73	78,54	5L 5LX			STD	20
			.281	7,14	59.18	88,15	5L 5LX				
			.312	7,92	65.60	97,71	5L 5LX				
			.344	8,74	72.21	107,56	5L 5LX				
			.375	9,52	78.60	117,07	5L 5LX				
			.406	10,31	84.96	126,55	5LX				
			.438	11,13	91.51	136,30	5L 5LX				
			.469	11,91	97.83	145,72	5LX				
			.500	12,70	104.13	155,10	5L 5LX				
			.562	14,27	116.67	173,78	5L 5LX				
			.594	15,09	123.11	183,37	5L 5LX			XS	30
			.625	15,88	129.33	192,64	5L 5LX				
			.688	17,48	141.90	211,36	5L 5LX				
			.750	19,05	154.19	229,67	5L 5LX				
			.812	20,62	166.40	247,85	5L 5LX				
			1.031	26,19	208.87	311,11	5L 5LX				
			1.125	28,58	226.78	337,79	5L 5LX				
			1.281	32,54	256.10	381,46	5L 5LX				
.281	7,14	65.18	97,09	5L 5LX	STD	20					
.312	7,92	72.27	107,65	5L 5LX							
.344	8,74	79.56	118,50	5L 5LX							
.375	9,52	86.61	129,01	5L 5LX							
.406	10,31	93.63	139,46	5LX							
.438	11,13	100.86	150,23	5L 5LX							
.469	11,91	107.85	160,64	5LX							
.500	12,70	114.81	171,01	5L 5LX							
.562	14,27	128.67	191,65	5L 5LX							
.625	15,88	142.68	212,52	5L 5LX							
.688	17,48	156.60	233,26	5L 5LX	XS	30					
.750	19,05	170.21	253,53	5L 5LX							
.812	20,68	183.75	273,70	5L 5LX							
.875	22,22	197.41	294,04	5L 5LX							
1.125	28,58	250.81	373,58	5L 5LX							
1.250	31,75	277.01	412,61	5L 5LX							
1.375	34,92	302.88	451,14	5L 5LX							
.281	7,14	71.18	106,02	5L 5LX			STD	20			
.312	7,92	78.93	117,57	5L 5LX							
.344	8,74	86.91	129,45	5L 5LX							
.375	9,52	94.62	140,94	5L 5LX							
.406	10,31	102.31	152,39	5LX							
.438	11,13	110.22	164,17	5L 5LX							
.469	11,91	117.86	175,55	5LX							
.500	12,70	125.49	186,92	5L 5LX							
.562	14,27	140.68	209,54	5L 5LX							
.625	15,88	156.03	232,41	5L 5LX							
.688	17,48	171.29	255,14	5L 5LX	SX	30					
.750	19,05	186.23	277,39	5L 5LX							
.812	20,62	201.09	299,52	5L 5LX							
.938	23,83	231.03	344,12	5L 5LX							
.969	24,61	238.35	355,02	5L 5LX							
1.062	26,97	260.17	387,52	5L 5LX							
1.219	30,96	296.58	441,76	5L 5LX							
1.531	38,89	367.39	547,23	5L 5LX							
.344	8,74	94.26	140,40	5L 5LX			STD	20			
.375	9,52	102.63	152,87	5L 5LX							
.406	10,13	110.98	165,30	5LX							
.438	11,13	119.57	178,10	5L 5LX							
.469	11,91	127.88	190,48	5L 5LX							
.500	12,70	136.17	202,83	5L 5LX							
.562	14,27	152.68	227,42	5L 5LX							
.625	15,88	169.38	252,29	5L 5LX							
.688	17,48	185.99	277,03	5L 5LX							
.750	19,05	202.25	301,25	5L 5LX							
.938	23,83	251.07	373,97	5L 5LX							

Diametro			Spessore		Massa del tubo liscio		CorrISP. norme API	Standard *X- Strong *XX- Strong	Numero di schedula
nominale	esterno		in.	mm	lb/ft	kg/m			
in.	in.	mm							
28	28.000	711,2	.344	8,74	101.61	151,35	5LX	STD	20
			.375	9,52	110.64	164,80	5L 5LX		
			.406	10,31	119.65	187,22	5LX		
			.438	11,13	128.93	192,04	5L 5LX		
			.469	11,91	137.90	205,40	5LX		
			.500	12,70	146.85	218,73	5L 5LX		
			.562	14,27	164.69	245,31	5L 5LX		
			.625	15,88	182.73	272,18	5L 5LX		
			.688	17,48	200.68	298,91	5L 5LX		
			.750	19,05	218.27	325,11	5L 5LX		
30	30.000	762,0	.344	8,74	108.95	162,28	5LX	STD	20
			.375	9,52	118.65	176,73	5L 5LX		
			.406	10,31	128.32	191,13	5LX		
			.438	11,13	138.29	205,98	5L 5LX		
			.469	11,91	147.92	220,33	5LX		
			.500	12,70	157.53	234,64	5L 5LX		
			.562	14,27	176.69	263,18	5L 5LX		
			.625	15,88	196.08	292,06	5L 5LX		
			.688	17,48	215.38	32,81	5L 5LX		
			.750	19,05	234.29	348,97	5L 5LX		
32	32.000	812,8	.344	8,74	116.30	173,23	5LX	STD	20
			.375	9,52	126.66	188,66	5L 5LX		
			.406	10,31	136.99	204,05	55LX		
			.438	11,13	147.64	219,91	5L 5LX		
			.469	11,91	157.94	235,25	5LX		
			.500	12,70	168.21	250,55	5L 5LX		
			.562	14,27	188.70	281,07	5L 5LX		
			.625	15,88	209.43	311,95	5L 5LX		
			.688	17,48	230.08	342,70	5L 5LX		
			.750	19,05	250.31	372,84	5L 5LX		
34	34.000	863,6	.344	8,74	123.65	184,18	5LX	STD	20
			.375	9,52	134.67	200,59	5L 5LX		
			.406	10,31	145.67	216,98	5LX		
			.438	11,13	157.00	233,85	5L 5LX		
			.469	11,91	167.95	250,16	5LX		
			.500	12,70	178.89	266,46	5L 5LX		
			.562	14,27	200.70	298,94	5L 5LX		
34	36.000	914,4	.344	8,74	131.00	195,12	5LX	STD	20
			.375	9,52	142.68	212,52	5L 5LX		
			.406	10,31	154.34	299,89	5LX		
			.438	11,13	166.35	247,78	5L 5LX		
			.469	11,91	177.97	265,09	5LX		
			.500	12,70	189.57	282,36	5L 5LX		
.562	14,27	212.70	316,82	5L 5LX					

