

COPPER NICKEL METRIC PIPE STANDARDS

Outside Diameter of Pipe			10 Bar		14 Bar		16 Bar		20 Bar	
Nominal		Actual	Wall Thickness	Theoretical Weight	Wall Thickness	Theoretical Weight	Wall Thickness	Theoretical Weight	Wall Thickness	Theoretical Weight
inch	ND	mm	actual mm	Kg/m	actual mm	Kg/m	actual mm	Kg/m	actual mm	Kg/m
-	-	8	1.0	0.20	1.0	-	1.0	-	1.0	-
1/8	-	10		0.26		0.26		0.26		
1/4	-	12		0.31		0.31		0.31		
3/8	10	16		0.42		0.42		0.79		
1/2	15	20		0.53		0.53		1.01		
3/4	20	25	1.5	0.99	1.5	2.0	1.30	2.0	1.30	
1	25	30		1.20			1.20		1.93	
1-1/4	32	38		1.54			1.54		2.50	
1-1/2	40	44.5		1.81			1.81		2.95	
2	50	57		2.34			2.34		3.83	
2-1/2	65	76.1	2.0	4.16	2.5	3.0	5.17	3.0	5.17	
3	80	88.9		4.88			6.07		6.07	
4	100	108		7.41			7.41		8.85	
5	125	133	2.5	9.16	3.0	3.0	10.95	3.5	10.95	
6	150	159		10.99			13.14		13.14	
7	175	193.7		13.43			18.70		16.07	
8	200	219.1	3.0	18.21	3.5	4.0	21.19	4.5	21.19	
10	250	267		22.24			29.55		33.18	
12	300	323.9		35.94			44.78		49.18	
14	350	368	4.0	40.89	6.0	7.0	56.00	8.0	56.00	
16	400	419.1		46.62			69.60		81.00	
18	450	457.2		50.91			76.03		100.93	
20	500	508	4.5	63.63	6.5	8.5	119.24	11.0	153.54	
24	600	610	5.0	84.96	8.0	10.5	176.79	13.0	217.97	
28	700	711	6.0	118.80	9.0	12.0	235.58	15.0	235.58	
32	800	813		135.99			225.53		303.14	
36	900	914		203.57			278.98		391.14	

Material Standards

CuNi10Fe1.6Mn DIN 86019 DIN 1755 EEMUA 144 BS 2871 ASTM B466 EN 12449

See following page for fittings.



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