



FLUX PIPE

High pressure resistant.
A true fact.



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This conduction pipe is manufactured with the hot reduction method; this produces the steel homogenization that is required for manufacturing boilers. Because of the steel homogenization, it acquires the malleability that facilitates folding the product.

Our manufacturing processes are monitored with strict quality controls applying different tests; among these the hydrostatic, electromagnetic (Eddy current), flattening and flaring tests to guarantee that our products' quality meets both national and international standards.



DATA SHEET

BOILER PIPE DIMENSIONS AND CHARACTERISTICS, NMX-B-137, (ASTM-A-178)

DIAMETER	OUTSIDE DIAMETER		NOMINAL THICKNESS		PRESSURE	HYDROSTATIC	WEIGHT	
	inch	mm	inch	mm			lb/in ²	kg/cm ²
1 1/4	1.250	31.75	0.114	2.90	1493	105	1.41	2.06
1 1/2	1.500	38.10	0.114	2.90	1991	140	1.71	2.51
2	2.000	50.80	0.114	2.90	2489	175	2.53	3.42
	2.000	50.80	0.126	3.20	2489	175	2.55	3.76
2.1/4	2.250	57.15	0.114	2.90	2489	175	2.65	3.87
	2.250	57.15	0.126	3.20	2489	175	2.90	4.26
2 1/2	2.500	63.50	0.114	2.90	2489	175	2.91	4.33
	2.500	63.50	0.126	3.20	2489	175	3.20	4.76
3	3.000	76.20	0.114	2.90	2489	175	3.52	5.23
	3.000	76.20	0.126	3.20	2489	175	3.87	5.76
	3.000	76.20	0.156	3.96	2489	175	4.74	7.06
3 1/4	3.250	82.55	0.114	2.90	3556	250	3.82	5.69
	3.250	82.55	0.126	3.20	3556	250	4.21	6.26
	3.250	82.55	0.152	3.86	3556	250	5.03	7.49
	3.250	82.55	0.157	3.99	3556	250	5.19	7.73
3 1/2	3.500	88.90	0.114	2.90	3556	250	4.13	6.14
	3.500	88.90	0.126	3.20	3556	250	4.54	6.76
	3.500	88.90	0.152	3.86	3556	250	5.44	8.10
	3.500	88.90	0.157	3.99	3556	250	5.61	8.35
4	4.000	101.60	0.114	2.90	3556	250	4.74	7.05
	4.000	101.60	0.126	3.20	3556	250	5.22	7.77
	4.000	101.60	0.152	3.86	3556	250	6.25	9.31
	4.000	101.60	0.157	3.99	3556	250	6.45	9.60

Note: Outside diameter and thickness tolerances have been based from the corresponding norm.

PHYSICAL REQUIREMENTS

TENSION RESISTANCE MIN.	kg/cm ² (lb/in ²)	3305(47,000)
FLUENCY LIMIT MIN.	kg/cm ² (lb/in ²)	1828(26,000)
% OF ELONGATION MIN. IN 2"		25

CHEMICAL REQUIREMENTS

%	GRADE A
CARBON	0.06-0.18
MANGANESE	0.27-0.63
PHOSPHORUS, MAX.	0.035
SULFUR, MAX.	0.035



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