

LINE PIPE FOR USE IN OIL, GAS & PETROLIUM INDUSTRIES CONFORMING TO IS : 1978

NB (mm)	OD (mm)	WALL THICKNESS (mm)	PLAIN END WEIGHT (KG/M)	TEST PRESSURE (MIN)	
				GRADE YST 210 STD 100 KPA	GRADE YST 240 STD 100 KPA
80	88.90	3.20	6.76	89	104
		3.60	7.57	101	117
		4.00	8.37	112	130
		4.00	9.17	123	143
		4.80	9.95	134	156
		5.50	11.31	154	172
90	101.60	3.60	8.70	88	102
		4.00	9.63	98	114
		4.40	10.55	108	125
		4.80	11.46	117	137
		5.70	13.48	139	162
		6.40	15.02	156	182
		7.10	16.55	174	193
100	114.30	3.60	9.83	78	91
		4.00	10.88	87	101
		4.80	12.96	104	121
		5.20	13.99	113	132
		5.60	15.01	122	142
		6.00	16.02	130	152
		6.40	17.03	139	162
		7.10	18.77	154	180
125	141.30	3.20	10.90	56	65
		4.00	13.94	70	82
		4.80	16.16	84	98
		5.60	18.74	98	115
		6.60	21.92	116	135
		7.10	23.50	125	145
150	168.30	3.60	14.62	53	62
		4.00	16.21	59	76
		4.80	19.35	71	81
		5.20	20.91	77	89
		5.60	22.47	83	96
		6.40	25.55	94	110
		7.10	28.22	105	122

NB (mm)	OD (mm)	WALL THICKNESS (mm)	PLAIN END WEIGHT (KG/M)	TEST PRESSURE (MIN)	
				GRADE YST 210 STD 100 KPA	GRADE YST 240 STD 100 KPA
200	219.10	4.80	25.37	54	63
		5.60	29.48	63	74
		6.40	33.57	73	84
		7.00	36.61	79	92
250	273.10	4.80	31.76	44	51
		5.60	36.94	51	59
		6.40	42.09	58	68
		7.10	46.57	65	75
		7.80	54.03	71	83
		8.70	56.72	79	92
		9.30	60.50	85	98
300	323.90	4.80	37.77	37	43
		5.60	43.96	43	50
		6.40	50.11	49	57
		7.10	55.47	54	63
		7.90	61.56	61	71
		8.40	65.35	64	75
		8.70	67.62	67	78
		9.50	73.65	73	85
350	355.60	4.80	41.52	34	39
		5.20	44.93	36	42
		6.40	55.11	45	52
		7.10	61.02	50	58
		7.90	67.74	55	64
		8.70	71.42	61	71
		9.50	81.08	66	77
400	406.40	4.80	47.54	29	34
		5.20	51.45	32	37
		5.60	55.35	34	40
		6.40	63.13	39	46
		7.10	69.91	43	51
		7.90	77.63	48	56
		8.70	85.32	43	62
		9.50	92.98	58	68

A. OUTSIDE DIAMETER - THE OUTSIDE DIAMETER TOLERANCES

SHALL BE FOLLOWS,
PIPE BODY FOR SIZE TOLERANCE

48.3 MM AND LESS	+0.40MM
	-0.80MM
60.3 MM AND ABOVE	+/- 1%

(B) WALL THICKNESS - THE TOLERANCE ON THE WALL THICKNESS OF LINE PIPES SHALL BE AS FOLLOWS:

TYPE	FOR	TOLERANCE
WELDED PIPE	73.0 MM AND SMALLER	+20.0%
		-12.5%
	88.9 MM OUTER DIA & HIGHER DIA	+18.0%
		-12.5%

C. WEIGHT SINGLE LENGTHS STANDERD WEIGHT, REGULER WEIGHT, EXTRA STRONG AND DOUBLE EXTRA STRONG PIPE

GRADE YST- 210 AND YST-240	+10.0%
	-3.5%
SPECIAL PLAIN END PIPE -ALL GRADE	+10.0%
	-5.0%
CAR LOADS LOTS FOR MIN 18000 KG:	
GRADE YST- 210 AND YST-240	-1.75%
	-2.5%