



CTM INC.
PIPE PIT GAUGE
PART NO. PG01

USEFUL FORMULAS
AREA = $0.7854 \times D^2$
CIRCUM = $3.1416 \times D$
SURFACE = $3.1416 \times D \times L$
PRESSURE = $\frac{157}{D}$

S = FIBER STRESS
T = WALL THICKNESS
D = PIPE DIAMETER
P = PRESSURE
L = LENGTH

1 U.S. GAL. = 8.33 LBS. - WATER
1 U.S. GAL. = .83 IMPERIAL GAL.
1 U.S. GAL. = .133 CUBIC FOOT
7.48 U.S. GAL. = 1 CUBIC FOOT
42 U.S. GAL. = 1 BARREL

1 CU. FT AIR
= 0.0809 LBS.

LINE PIPE THICKNESS

INCHES	MILLIMETERS
1/8	3.18
3/16	4.76
1/4	6.35
5/16	7.94
3/8	9.53
7/16	11.13
1/2	12.70
9/16	14.29
5/8	15.88
11/16	17.48
3/4	19.05
7/8	22.23
1	25.40