

DIAGRAM SHOWING LENGTHS OF
2-IN. PIPE
 UNDER STRAIN FOR VARIOUS EXPANSIONS.
 Secondary Expansion (s) = Zero
 Maximum Fiber Stress = 12 000 lb. per sq. in.

Expansion (r), in Inches.

5 10 15 20 25

Length of 2" Pipe under Strain (l_1), in Feet.

$l_2 = \infty$
 $l_2 = 8l_1$
 $l_2 = 4l_1$
 $l_2 = 2l_1$
 $l_2 = l_1$
 $l_2 = \frac{1}{2}l_1$
 $l_2 = \frac{1}{4}l_1$
 $l_2 = 0$

