

**COMPUTATION FOR COMPUTING EXTRA SPACER NEEDED
FOR OUTSIDE FORMS ON CONCRETE CIRCULAR TANK**

L_i = Inside Form Length in feet = πD

L_o = Outside Form Length in feet = $\pi (D + \frac{2t_w}{12})$

t_w = Tank Wall thickness in inches

n_i = Number of inside forms = $\frac{L_i}{2} = \frac{\pi D}{2}$

D = Inside diameter of tank in feet

Extra space per 2 foot form on outside (inches) = $\left[\frac{L_o - L_i}{n_i} \right] \times 12$

$$= \left[\frac{\pi D + \frac{2\pi t_w}{12} - \pi D}{\frac{\pi D}{2}} \right] \times 12$$

$$= \left[\frac{4t_w}{D} \right]$$