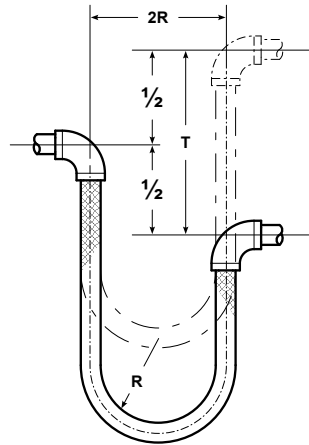


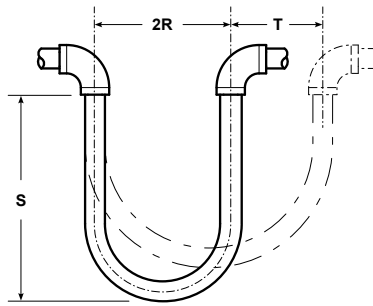
VERTICAL LOOP

$$L = \frac{(\pi \times T) + (8.12 \times R)}{2}$$



HORIZONTAL LOOP

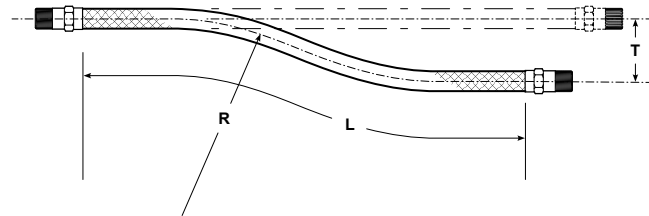
$$S = (\pi/2) \times (R + T/2)$$



OFFSET

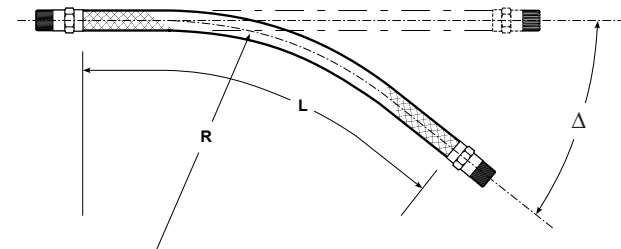
$$L = (T^2 + 6 \times T \times R)^{1/2}$$

(Formula is for offset both sides of center line)



BENDING

$$L = \frac{\pi \times R \times \Delta}{180}$$



VARIABLES

Δ = ANGLE OF BEND (degrees)

L = LIVE LENGTH OF HOSE (in.)

R = HOSE CENTER LINE BEND RADIUS (in.)

S = LOOP DEPTH (in.)

T = TRAVEL (in.)

