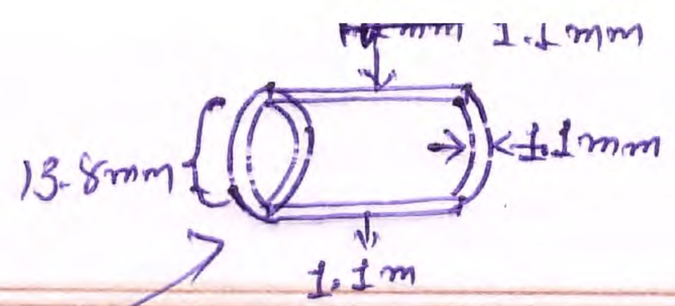
$= 13.8 + (1.1 \times 2)$

$= 16\,mm$




$C = 120$

$De = 13.8\,mm$ (1.1 mm thickness) (

$L = 50\,m$

$Le = No.\ of\ emitter \times factor$

$= 50 \times 0.35$

$= 17.5$

$F = 0.36$

SO,

$$\Delta He = 1.21 \times 10^{10} \left(\frac{0.055}{120}\right)^{1.852} \times (13.8)^{-4.871} \times (50 + 17.5) \times 0.36$$

$$= 1.21 \times 10^{10} \times 6.55 \times 10^{-7} \times 2.80 \times 10^{-6} \times 67.5 \times 0.36$$

$$= 539.25 \times 10^{10} \times 10^{-13}$$

$\underline{\Delta He = 0.540\,m}$