2 In an experiment to measure the viscosity η of a liquid, the following equation was used.

$$\eta = \frac{kr^2}{v}$$

where $r = (0.83 \pm 0.01)\,\text{mm}$

$v = (0.065 \pm 0.002)\,\text{m s}^{-1}$

and k is a constant of value $93.7\,\text{N m}^{-3}$.

How should the value of η be expressed?

A $(9.93 \pm 0.54) \times 10^{-4}\,\text{N s m}^{-2}$

B $(9.9 \pm 0.6) \times 10^{-4}\,\text{N s m}^{-2}$

C $(9.93 \pm 0.42) \times 10^{-4}\,\text{N s m}^{-2}$

D $(9.9 \pm 0.4) \times 10^{-4}\,\text{N s m}^{-2}$