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 $V = 4 \times 10^{-15} \text{ m}^3$ $R_c = 3 \times 10^{-6} \text{ m}$ $L = \frac{4 \times 10^{-15} - (3 \times 10^{-6})^3}{(3 \times 10^{-6})^2} = 48.2 \text{ } \mu\text{m}$
The resulting surface area is $SA = 4R_c^2 + 2R_c L = 4 \times (3 \times 10^{-6})^2 + 2 \times 3 \times 10^{-6} \times 48.2 = 894.6 \text{ } \mu\text{m}^2$ This is larger than the surface area $530.9 \text{ } \mu\text{m}^2$ or 1.4 times the surface area ...

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