For safety factor of 2, the required skin thickness = 1.0244 mm (0.04 inch)

\[
K_{Ic,allow} = \frac{K_{Ic}}{2} = 20
\]

\[
D = 4.572 \times 10^{-3} \text{ m}
\]
\[
R_F = 1.905 \text{ m}
\]
\[
s = 25.4 \times 10^{-3} \text{ m}
\]
\[
p = 0.0586 \text{ MPa}
\]
\[
a = 4 \text{ mm}
\]