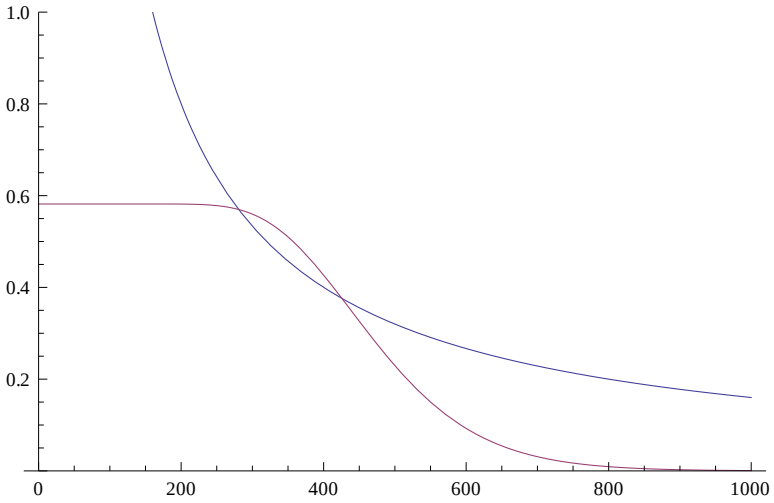
$\mu = .1;\ \sigma = .25;\ \gamma = .01;\ k = 550;\ r = .05;$

$$d[S\_] := \frac{1}{\sigma \sqrt{T}} \left(\text{Log}[S / k] + r\ T\right) + \sigma \frac{\sqrt{T}}{2}$$

$$z[x\_] := \frac{\mu}{\gamma\ \sigma^2\ x}$$

$$T = 2;\ f = z[k];\ \text{Plot}\left[\left\{z[x]\ ,\ 2\ f\ \frac{1 - \text{Erf}[d[x]]}{2}\right\},\ \{x,\ 0,\ 1000\},\ \text{PlotRange} \to \{0,\ 1\}\right]$$




$z[k]$

0.290909