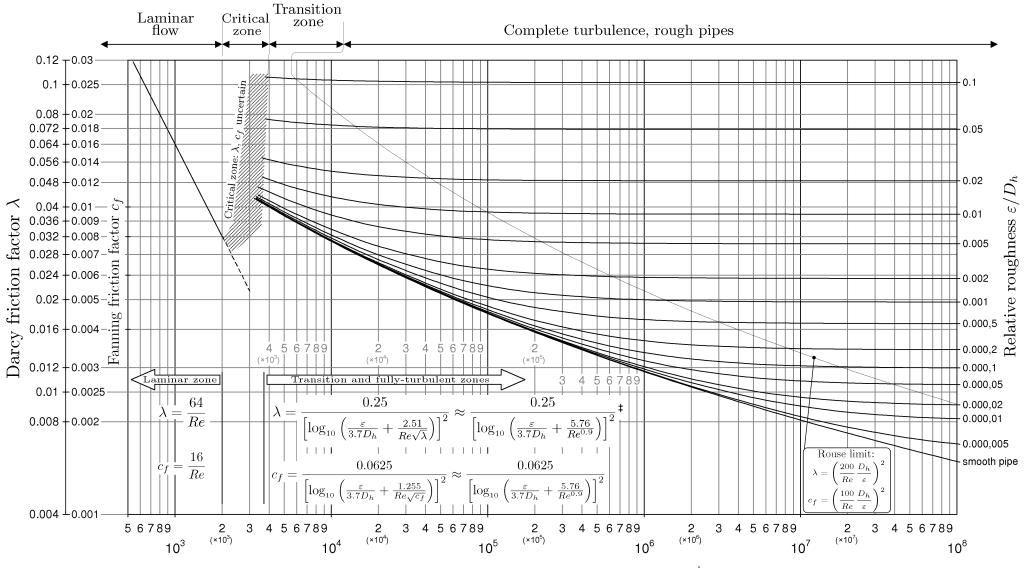
Moody chart for Darcy friction factor λ , used in $\Delta P = \frac{\lambda L}{D_h} \frac{1}{2} \rho U^2$ (also shows Fanning friction factor c_f , used in $\Delta P = \frac{4c_f L}{D_h} \frac{1}{2} \rho U^2$)



Moody-chart-Darcy+Fanning.pdf

Reynolds number, $\frac{UD_h}{v}$ or $\frac{\rho UD_h}{\mu}$

[‡]This approximation to the Colebrook-White function is taken from equation 14 in: Colebrook, C F, "Turbulent Flow in Pipes, with particular reference to the Transition Region between the Smooth and Rough Pipe Laws," Paper 5204, *J. Instn. Civ. Engrs.* 1939, no. 4, vol 11, pp. 133–156.