

12.6: Viscosity and Turbulence

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Definition: (Viscosity) **Viscosity** is a measure of internal friction of a fluid.

Fluids with high viscosity have interesting flow dynamics and often cling to surfaces. When in a pipe, the fluid near the center will flow faster than the fluid near the edges.

Definition: (Turbulence) **Turbulence** describes how chaotic the flow of a fluid is

Laminar flow is when flow is orderly, and flow lines are straight

Turbulent flow is flow that is chaotic with vortices.