

FRICITION LOSS ON LDH

- Friction loss
- FL is the friction loss (in psi),
- C
- C is the friction loss coefficient (varies based on hose diameter and type),
- Q
- Q is the flow rate (in gallons per minute, gpm),
- L
- L is the length of the hose (in feet).

Example Coefficients

Here are some typical friction loss coefficients for common hose diameters:

- 1.75-inch hose:
 - $C \approx 15.5$
- 2.5-inch hose:
 - $C \approx 2$
- 3-inch hose:
 - $C \approx 0.8$
- 5-inch hose:
 - $C \approx 0.008$