The 2 -1/2" Attack Line

RFD engine companies are typically equipped with 800' of 2 1/2" hose. A dual-handle solid stream nozzle with 3 stacked tips completes the load. The line is very versatile in that it can be an heavy-hitting attack line or used to extend a line via the break-away tips.

Basic Flows & Info

Solid Stream handline nozzles are meant to operate with 50 PSI at the nozzle.

Tip Sizes Currently On-Board

1" Tip - 210 GPM

1 1/8" Tip - 265 GPM

1 1/4" Tip - 328 GPM

Friction Loss

An easy way to calculate loss on the street is to remember 10, 15, 20. The numbers are not exact but close enough to get you by on the street.

1" Tip = 10 PSI per 100'

1 1/8" Tip = 15 PSI per 100'

1 1/4" Tip = 20 PSI per 100'

Line Extension

After making a knock on a large volume of fire *"breaking"* off the tips of the nozzle will allow an 1 3/4" line to be attached to complete extinguishment. It may be helpful to tie the bail in the open position so you don't lose water.