

Fire protection hydraulics and water supply

Sociology



**ASSIGN
BUSTER**

A few suggestions that prove helpful while calculating hose lengths from one size to another:

1. Multiply the length of 3/4-inch hose by 340, to determine the equivalent length of a 2-inch hose
2. Multiply the length of 1-inch hose by 86 to determine the length of a 2-inch hose.
3. Multiply the length of 1 1/2 inch hose by 13 to determine the length of a 2-inch hose.
4. Multiply the length of a 3-inch hose by 0. 4 to determine the length of a 2-inch hose.
5. Multiply the length of 3 1/2-inch hose by 0. 17 to determine the length of a 2-inch hose.

Example:

What is 1000 feet of 3-inch hose with 2-inch couplings equivalent to in 2 in hose

Ans: The factor for the 3-inch hose is 2. 5.

Therefore, $1000 / 2. 5 = 4 00$ feet of 2 inch hose.