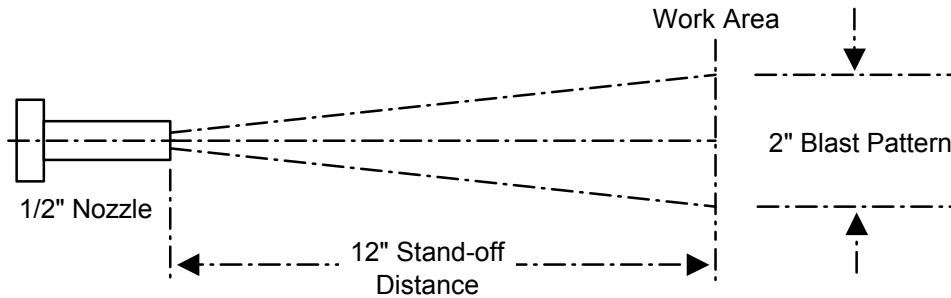


# Engineering Specifications

X-122  
9-67

## NOZZLE PATTERN WIDTH

Blast patterns are determined by:  $1/8$  distance from work area plus the diameter of the nozzle.



### EXAMPLE:

12" distance away from work area:

$$1/8 \times 12" + 1/2" = 1 1/2" + 1/2" = 2"$$

### SELECTION OF BLAST HOSE SIZE

Nozzle area to hose area should be ratio 1 to 9.

Example:  $5/16$ " nozzle area .0767 sq. in.

Hose area should be  $.0767 \times 9$  or .6903 sq. in. or 1" hose next commercial size.

### NOZZLE DIAMETER

### HOSE ID

1/8" bore	3/8"
5/32" bore	1/2"
3/16" bore	1/2"
1/4" bore	3/4"
5/16" bore	1"
3/8" bore	1" to 1-1/4"
7/16" bore	1-1/4"
1/2" bore	1-1/4" to 1-1/2"
Three nozzles 1/4"	1-1/4"
Three nozzles 5/16"	1-1/2"