



Fire Protection Training

Procedures Handbook 4300

HOSE

TOPIC: How to Make a Single Donut Hose Roll - Two Person Method

TIME FRAME: 15 Minutes

LEVEL OF INSTRUCTION:

BEHAVIORAL OBJECTIVE:

Condition: One length of unrolled hose with male and female couplings

Behavior: The students will roll hose using a two person donut roll method.

Standard: With a minimum of 70% accuracy within two minutes

MATERIALS NEEDED:

- Two students
- One section of hose
- Stop watch
- Performance examination
- Tally sheet.

REFERENCES:

- IFSTA, Essentials of Fire Fighting, 2nd Edition, Chapter 10

PREPARATION: The donut roll has certain advantages that the straight roll does not have. The two main advantages are that both ends are available on the outside of the roll and that the hose is less likely to spiral or kink when unrolled.



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HOW TO MAKE A SINGLE
DONUT HOSE ROLL-TWO
PERSON METHOD

OPERATIONS

KEY POINTS

- | OPERATIONS | KEY POINTS |
|--|--|
| 1. Lay out hose | 1a. Flat
b. Straight
c. Fully extended |
| 2. Carry male coupling | 2a. Towards female coupling |
| 3. Place male coupling | 3a. On top of hose 5 feet from female coupling
b. Layers of hose should be lapped over smoothly, aligned, and without kinks |
| 4. Take positions | 4a. First person at fold facing female coupling
b. Second person 4-5 feet in front of first person facing partner |
| 5. Roll hose | 5a. First person
b. Toward couplings
c. Hand over hand
d. Keeping outer edges even |
| 6. Remove slack and keep hose straight | 6a. Second person
b. During rolling
c. Backing to maintain five foot interval
d. Don't roll over male coupling |
| 7. Lay roll flat | 7a. On the ground
b. Gently
c. Without damaging couplings |
| 8. Complete donut roll | 8a. Wrap female end of hose around remaining rolled hose
b. Male coupling threads protected by last hose layer |
| 9. Secure rolled hose | 9a. With rubber band or other restraining device |



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HOW TO MAKE A SINGLE
DONUT HOSE ROLL-TWO
PERSON METHOD

APPLICATION:

Student to practice until proficient.

EVALUATION:

A performance examination.

ASSIGNMENT:

To be determined by instructor(s).

Performance Examination

HOW TO MAKE A SINGLE
DONUT HOSE ROLL – TWO
PERSON METHOD

POINTS

TIME START

- | | | |
|----|--|-----------|
| 1. | Lay hose fully extended and straight on the ground removing all twists and kinks | <u>10</u> |
| 2. | Grasp male coupling and carry it back toward female coupling | <u>10</u> |
| 3. | Place male coupling on top of the hose 5 feet from the female coupling removing all twists or kinks. Hose should be folded smoothly and aligned on top of bottom layer | <u>10</u> |
| 4. | Position firefighters, first person at fold facing female coupling. The second person 5 feet in front of and facing the first person. | <u>10</u> |
| 5. | Roll the hose with the first person grasping the top and bottom layers of hose and rolling hose back on itself toward the couplings in a hand over hand motion keeping the outer edges even. | <u>20</u> |
| 6. | While first person rolls hose the second person maintains five foot interval by moving backwards removing slack in the top layer of hose and keeping top layer in alignment with bottom layer. | <u>20</u> |
| 7. | Upon reaching the male coupling lay the roll over on its side without damaging couplings and wrap unrolled section of hose around the male coupling. | <u>10</u> |
| 8. | Place rubber band or other restraining device around roll to secure entire roll. | <u>10</u> |

TIME STOP

ENTER TOTAL TIME: _____:

POINTS POSSIBLE: 100

POINTS DEDUCTED:

FINAL SCORE:

EVALUATOR'S SIGNATURE:

DATE:

COMMENTS:
