

**DELAWARE STATE FIRE SCHOOL**  
**For Your Instruction: In-Service Drill**

**HOSE CARRIES AND ROLLS**

**PURPOSE**

The purpose of this drill is to conduct refresher training in the skills required to package and move hose lines to the desired location.

**OBJECTIVE**

At the conclusion of the drill, each participant shall have demonstrated each carry and roll.

**EQUIPMENT**

1. A 50' section of 1½" hose for each member
2. Two short pieces of rope or strap for each member

**SAFETY PRECAUTIONS**

1. Evolution area should be adequately lighted.
2. The evolution area should be a hard, level surface free of stones and debris.
3. If the evolution is held in a parking area, it should be roped off to prevent vehicular traffic from accidentally entering the area.
4. participants should wear protective clothing, including gloves.
5. The Drill Leader will be responsible for being familiar with and following the drill guideline.

**REFERENCES**

**NOTE:** Reference materials contain illustrations or pictures of the steps listed for the evolutions.

IFSTA "Essentials of Firefighting", Seventh Edition

**SKILL: HOSE ROLLS**

DSFS 11/01

1. Straight roll

**Step 1:** Lay hose out straight and flat on a clean surface.

**Step 2:** Roll the male coupling over onto the hose to start a roll.

**Step 3:** Continue to roll the coupling over to form a roll, keeping the edges aligned as the roll gets larger.

**Step 4:** When the roll is completed, lay it on its side and step on it to tamp down and protruding coils.

2. Donut Roll

**Step 1:** Lay out a section of hose.

**Step 2:** Carry one end to the other end and lay it next to the other end with no kinks or twists in the hose.

**Step 3:** Go back to the center of the hose.

**Step 4:** Facing the coupling ends, start to roll the hose on the male coupling side.

**Step 5:** As the roll gets tight, pull a little slack in the female thread side.

**Step 6:** When you reach the male coupling, lay the roll on its side and draw the remainder of the female side of the hose around the roll to complete it.

3. Bundle fold (Horseshoe shoulder fold)

**Step 1:** Lay out a section of hose.

**Step 2:** Fold one end back on itself about five (5) feet.

**Step 3:** Carry the other end up to be even with the fold on the first end so that there are no kinks or twists and the ends are four (4) feet apart.

**Step 4:** Grasp the hose in the middle of the newly formed loop and bring it up between the ends until it is even with them.

- Step 5:** Grasp the middle of the two newly formed loops and bring them up even with the ends.
- Step 6:** Stand the hose on edge and bring the coupling, which is outside the fold, to the inside.
- Step 7:** Secure the bundle fold with rope or straps about 12" from each end.

### **SKILL: CARRIES**

1. Accordion shoulder carry

- Step 1:** Stretch out a section of hose.
- Step 2:** Carry one coupling to the middle of the section.
- Step 3:** Pick up the middle of the hose in the same hand as the coupling and carry both to the coupling laying on the ground.
- Step 4:** Adjust center loop until the two loops at the other end are even.
- Step 5:** Pull both couplings until they are even with the center loop.
- Step 6:** Go to the center of the hose, stand it all on edge.
- Step 7:** Place one foot to act as a pivot and swing the folded ends to meet the couplings.
- Step 8:** Bend down to pick up at the center, laying the hose flat on your shoulder with the couplings at your back.
- Step 9:** Lifting with your legs, lift the U-fold over your shoulder to carry.

2. Under arm carry

- Step 1:** Prepare the hose as in the accordion shoulder carry, but instead of placing the hose on the shoulder, make an additional fold and lifting with the legs lift the bundle to carry under the arm alongside the waist.

### **CONCLUSION**

At the conclusion of the drill, the Drill Leader will do the following.

1. Secure all equipment as per department policy.
2. Secure the training area.

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