



# Fire Protection Training

Procedures Handbook 4300

HOSE APPLIANCES & TOOLS

**TOPIC:** Hose Jacket Tool

**TIME FRAME:** 10 Minutes

**LEVEL OF INSTRUCTION:**

**BEHAVIORAL OBJECTIVE:**

*Condition:* A written quiz

*Behavior:* The student will be able to describe the purpose and function of the hose jacket tool.

*Standard:* With a minimum of 70% accuracy

**MATERIALS NEEDED:**

- Hose jacket tool
- 2 sections of appropriate size hose
- Appropriate visual aids
- Audio visual equipment

**REFERENCES:**

- IFSTA, Essentials of Firefighting, 2nd Edition, Chapter 10
- IFSTA, Hose Practices, 7th Edition, Chapter 3

**PREPARATION:**

The hose jacket tool is used as a fix-all on the fireground. Knowing the various ways the tool can be used will enhance your ability to overcome some of the problems you may encounter.



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PRESENTATION	APPLICATION
<p><b>I. PURPOSE</b></p> <ul style="list-style-type: none"><li>A. Seal Small Cuts or Breaks</li><li>B. Connect Mismatched or Damaged Couplings of the Same Size</li></ul> <p><b>II. DESIGN</b></p> <ul style="list-style-type: none"><li>A. Two-piece Metal Cylinder that Hinges Length-wise</li><li>B. Clamp on Edge Opposite Hinge Locks Halves Together<ul style="list-style-type: none"><li>1. Stomped on to lock the tool once the hose is properly positioned.</li><li>2. Must be locked prior to charging hose</li></ul></li><li>C. Flexible Rubber Seal at Both Ends<ul style="list-style-type: none"><li>1. Hose seals against jacket when charged</li></ul></li></ul> <p><b>III. SAFETY</b></p> <ul style="list-style-type: none"><li>A. Older Hose Jacket Tools are Heavy and Cumbersome<ul style="list-style-type: none"><li>1. Beware of the hazard of dropping the tool</li><li>2. It can injure feet or legs</li></ul></li></ul>	<p>Ask students to relate any experiences they may have had with respect to the use of this tool</p> <p>What safety hazards are associated with this tool?</p>



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PRESENTATION	APPLICATION
<p>B. Opening and Closing Hose Jacket Tool May Cause Pinch Injury to Hands</p> <ol style="list-style-type: none"><li>1. Always wear gloves</li></ol> <p>C. Failure to Secure Hose Jacket Tool With Locking Device May Cause</p> <ol style="list-style-type: none"><li>1. Hose jacket tool to become airborne</li><li>2. Hose to whip about wildly</li></ol>	



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## ***SUMMARY:***

The hose jacket tool is a cylindrical shaped tool, divided into two halves, hinged on one side, with a locking device on the other. It is designed to be placed over broken hose or damaged and mismatched couplings and closed to lock the hoses in place. This tool is not designed to take the place of a good fire hose maintenance and inspection plan.

## ***EVALUATION:***

A written quiz.

## ***ASSIGNMENT:***

To be determined by instructor(s).