

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

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LINE HOSE

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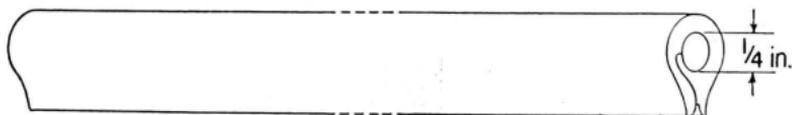
1. GENERAL

1.01 This section covers Line Hose which is used in temporarily insulating **telephone** wires exposed to power line contact or induction. It also covers Line Hose Bag which is used in carrying Line Hose.

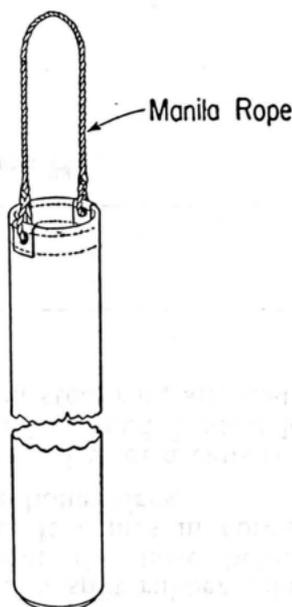
2. DESCRIPTION

2.01 Line Hose consists of a split rubber tube with a self-locking lip to prevent the hose being accidentally detached from the line wire. It comes in convenient lengths and fits all standard size telephone wires.

2.02 The Line Hose Bag consists of a canvas bucket with a rope handle. It has a hardened formed leather bottom and is held open by a 1/4-inch steel ring stitched in at the top.



Line Hose



Line Hose Bag

3. USE

3.01 Line Hose is intended for use whenever this type protection against electric shock is necessary in addition to the protection afforded by other standard devices and tools covered by other sections of these practices. It is primarily intended to prevent a workman's body from contacting exposed telephone wires and should **not** be used as a substitute for rubber gloves or other safe operating procedures and construction practices. If there is any question as to whether or not Line Hose should be used, consult your supervisor.

4. PLACING AND REMOVING

4.01 While placing and removing Line Hose wear rubber gloves and keep all parts of the body (except hands) below any unprotected wires that might be contacted.

4.02 Place Line Hose by pressing one end of it onto the wire to engage the lock and slip the remainder of the hose by pushing as illustrated in Fig. 1. In placing the hose, it is not necessary to reach far out from the pole since it easily slides on the wire from below.

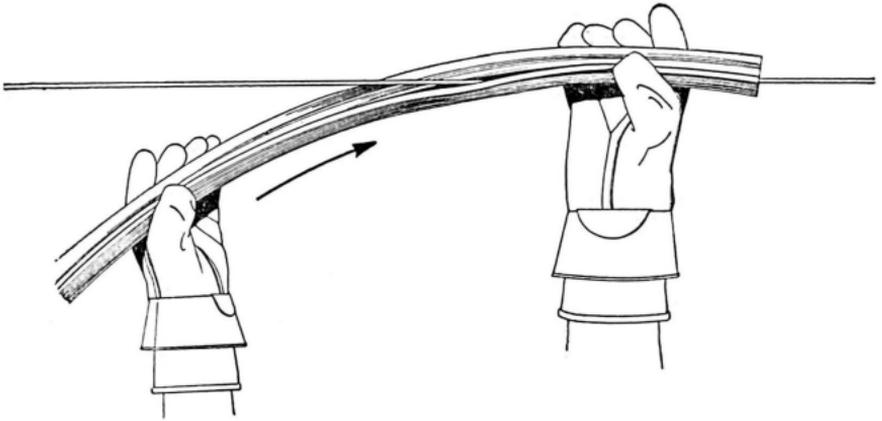


Fig. 1

4.03 Starting with the lowest crossarm and working up and on each crossarm starting with the pole pair and working out; place sufficient Line Hose to afford the desired protection from body contact. The number of wires on which the Line Hose should be placed will depend upon the work operations to be performed.

4.04 To remove the Line Hose, reverse the operations for placing outlined in Paragraphs 4.02 and 4.03. The removal should thus begin with the hose at the highest level and in the outermost position on the crossarm.

4.05 In removing Line Hose from wire, first rotate the hose until the lip is pointing either upwards or sideways. Next take the near end off the wire and then pull the hose toward the pole as illustrated in Fig. 2.

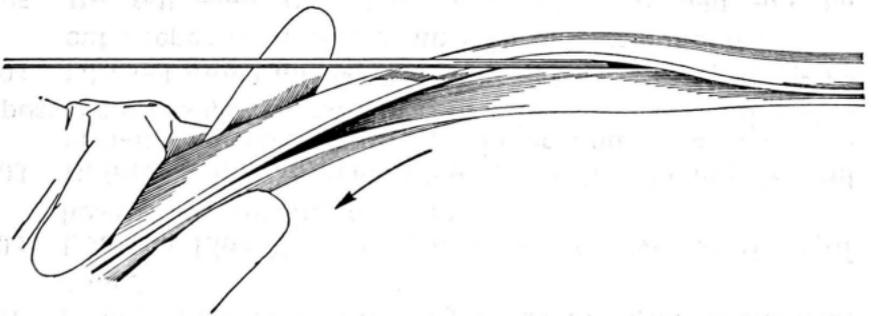


Fig. 2

5. HANDLING AND INSPECTING

- 5.01 Handle Line Hose carefully so as to avoid mechanical injury.
- 5.02 Use the Line Hose Bag to raise or lower sections of hose while working on a pole.
- 5.03 Before using inspect Line Hose by flexing it and visually checking both the inner and outer surfaces for possible cracks, cuts, punctures or other mechanical damage.
- 5.04 Discard any Line Hose that develops a nick, crack or cut deeper than $1/32$ of an inch or any puncture.
- 5.05 By following the above precautions it will not be necessary to periodically return Line Hose for any electrical tests.