

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G73.106.2
Issue 1, December, 1952
AT&T Co Standard

PRESSURE TESTING

SHEATH PREPARATION FOR VALVES

LEPETH SHEATH

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1. GENERAL

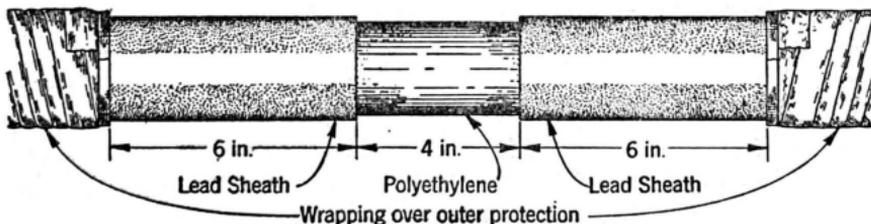
1.01 This section describes the method of installing valves in lepeth sheath cable at locations other than splice points. At splice points the valves are installed in the sleeve in the usual manner. This section replaces Section G50.706.2, Issue 1, which is cancelled.

1.02 The muslin collar which is placed over the exposed conductors ensures the free flow of gas between the polyethylene wrapping and the cable sheath.

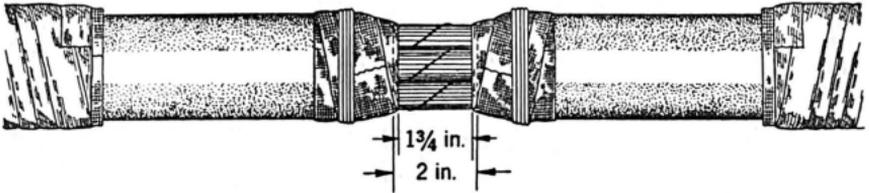
2. METHOD

2.01 Remove and terminate the outer protection leaving 16 inches of lead sheath exposed at the point where the valve is to be installed. Then prepare the cable as outlined below.

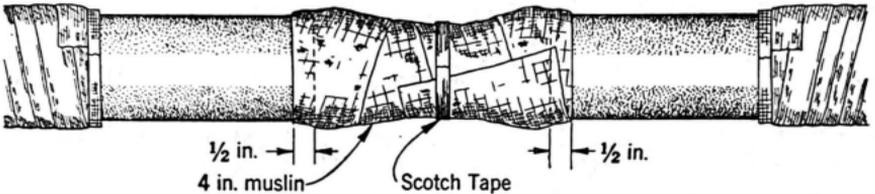
Remove 4 in. of lead sheath at the center of the opening exposing the polyethylene.



Remove 2 in. of polyethylene at center of opening and prepare each butt as described in Section G50.616.5. Then remove the core wrapping paper.



Wrap the opening with four half-lapped layers of 4 in. muslin covering the glass cloth tape and about 1/2 in. of the lead sheath at each end. Secure with scotch tape.



Cover the muslin with four half-lapped layers of B Polyethylene Tape leaving 1/2 in. of muslin exposed at each end as shown below. Secure with scotch tape.



Cover the polyethylene tape with one half-lapped layer of 4 in. muslin.

- 2.02 Prepare a split lead sleeve 10 inches long to cover the opening. Beat in the sleeve carefully to avoid damaging the underlying polyethylene.
- 2.03 Support the cable close to the wiping area. It is not practicable to use the B Splice Support under the sleeve.
- 2.04 Do not disturb the cable for at least ten minutes after the wiping is completed. This will permit the polyethylene to harden. Then place the valve in the sleeve in the usual manner.