BELL SYSTEM PRACTICES
Outside Plant Construction and Maintenance

SECTION G73.164.1
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AT&T Co Standard

PRESSURE TESTING
REINFORCING LEAD SLEEVES

Contents **Page**

1. GENERAL

1.01 This section covers the method of reinforcing certain large diameter sleeves with lashed cable supports to prevent swelling due to internal pressure. This replaces related information in Section G73.206 which is cancelled.

1.02 Reinforcement is not necessary on Extra Strength Lead Sleeves (these have one identifying ridge), nor on cables maintained at six pounds per square inch.

1.03 Reinforcement is necessary on cables maintained at nine pounds per square inch under the following conditions:

(a) On thin wall sleeves five inches and larger in diameter made of lead (no ridge) or lead antimony (three ridges).

(b) Any other sleeve which shows evidence of swelling under continuous pressure.

2. MATERIAL

2.01 The following indicates the length of lashed cable supports required on the sleeves which are likely to need reinforcement.

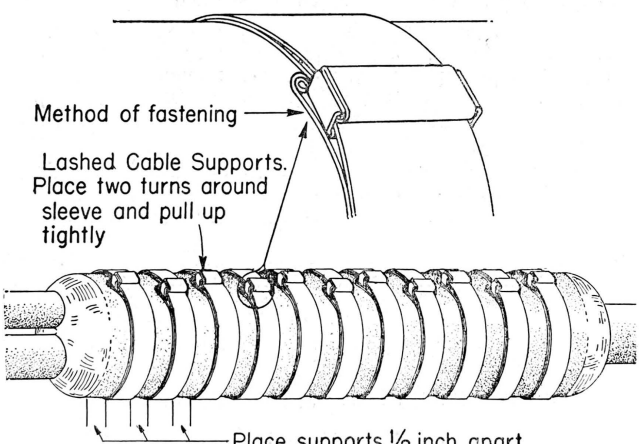
Sleeve Diameter	Underground Sleeves: All Supports—2 Turns	Aerial Sleeves: End Supports—3 Turns	Aerial Sleeves: Intermediate Supports—2 Turns
4-1/2″	45″	66″	45″
5″	45″	66″	45″
5-1/2″	45″	66″	45″
6″	45″	66″	45″
6-1/2″	66″	78″	66″
7″	66″	78″	66″

2.02 The standard listing is as follows:

Support, Cable, Lashed, B, (length) Corrosion resistant steel bands 3/4 inch wide. From 10 to 14 are usually needed on each sleeve.

3. METHOD OF PLACING

3.01 The following illustrates the method of reinforcing lead sleeves.



On aerial cable, place cable spacers and support sleeve from strand by applying the end supports in the usual manner.