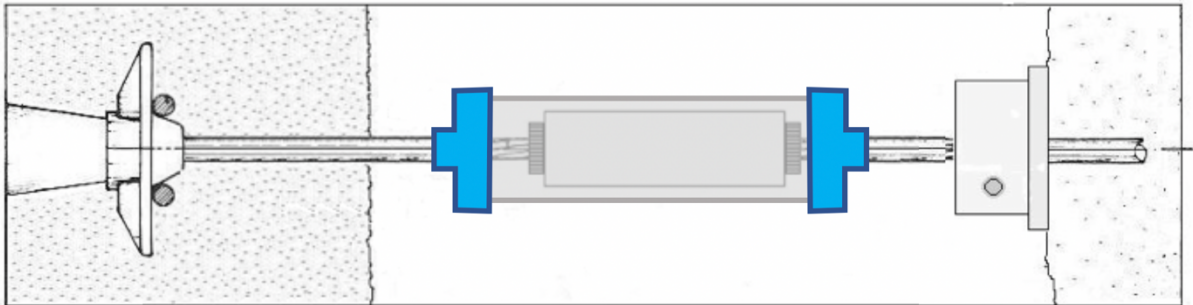


Splice Cap® Technical Information

The following procedure is recommended for installation of the **Splice Cap®** for encapsulation of a post-tensioned splice coupler. However, the contractor should follow all recommendations provided by the engineer of record.



- a. A length of HDPE pipe or PVC pipe of sufficient length to allow for subsequent movement of the splice coupler shall be used.
- b. Mark the strand before installing the splice coupler to make certain that the proper length of strand has been fully inserted into the coupler.
- c. The original strand extending from the temporary lock-off anchor should be cut to provide a sufficient length of cable to extend into the splice coupler. Install one **Splice Cap®** onto the strand and sheathing between the splice coupler and the lock-off anchor.
- d. Place a length of HDPE or PVC pipe over the splice coupler. The pipe should be of adequate length to allow the calculated movement of the splice coupler during the stressing operation.
- e. The second **Splice Cap®** is placed over the new strand and sheathing extending to the terminal anchor and the strand is inserted into the splice coupler.
- f. Both **Splice Cap®** shall be firmly seated onto each end of the HDPE or PVC pipe to tightly seal the splice coupler encapsulation.
- g. The tendon coupler's location within the HDPE or PVC pipe must permit the coupler to move the required amount in the direction of stressing. Allowance for movement in both directions must be provided when the tendon is to be stressed from both ends.