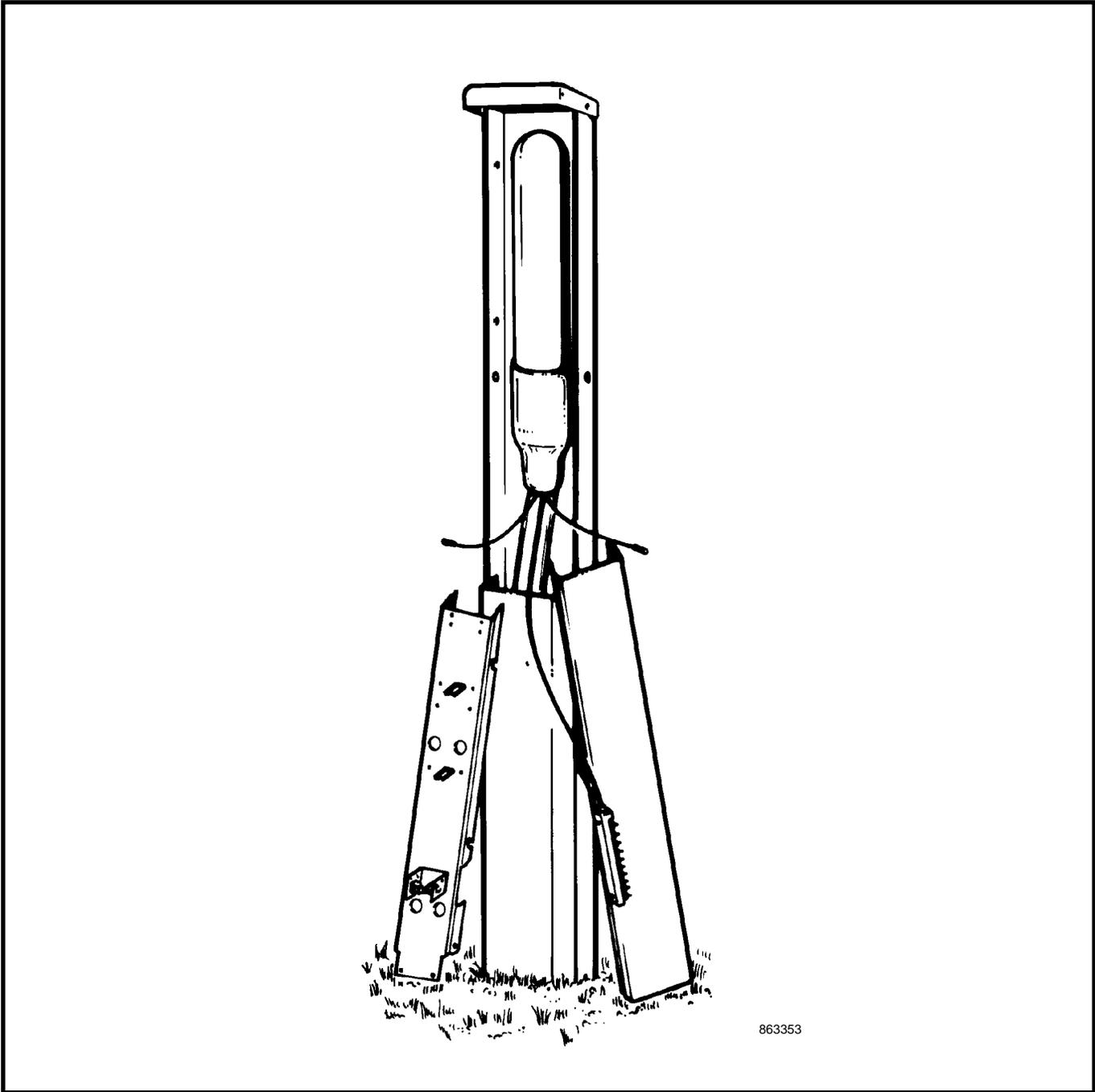


PST Pedestal Splice Closure Forced Encapsulation Method



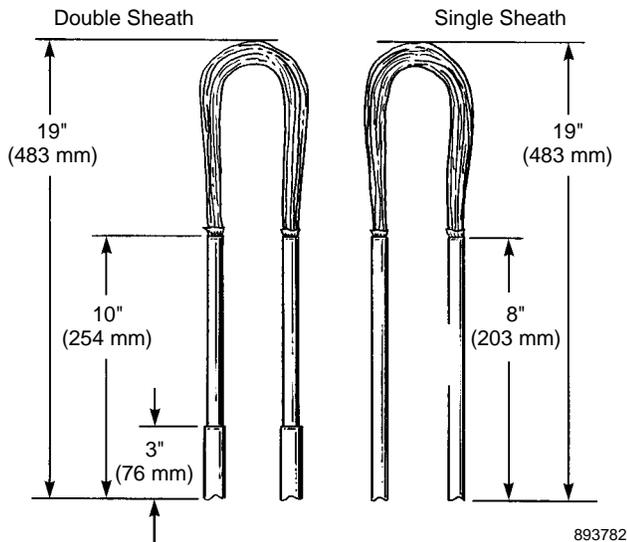
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1.0 Forced Encapsulation Method

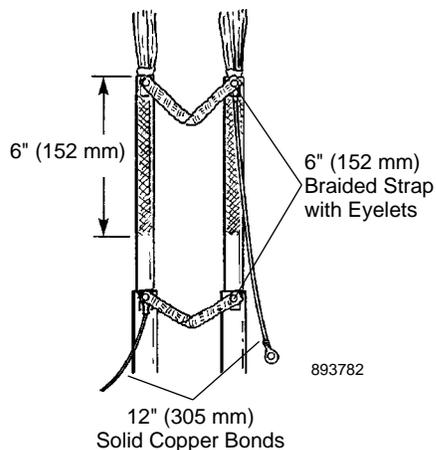
- 1.01 Remove outer sheath 3" (76 mm) up from the base of the pedestal.
- 1.02 Remove inner sheath 8" (203 mm) up from base of pedestal and bond.

Note: *Maximum loop length 19" (483 mm) from pedestal base.*

Install bonding connectors according to company procedures.



- 1.03 Connect inner and outer sheath bonds using a 6" (152 mm) piece of stranded braid with eyelets. Use 12" (305 mm) of solid bond on outer sheath for pedestal attachment.

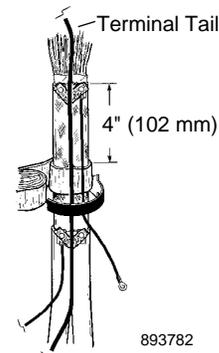


- 1.04 Ty-wrap 6" (152 mm) and 12" (305 mm) strap bonds to the cables directly below the bonds.
- 1.05 Strap inner sheath bonds and install #6 ground. (Solid copper)
- 1.06 Clean and scuff cables 6" (152 mm) beneath upper bonds.

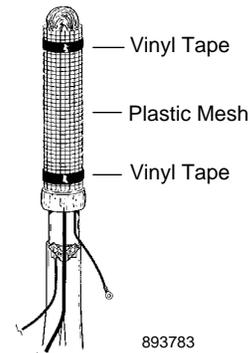
Note: *Scuff any terminal tails and bond if necessary.*

- 1.07 Build sealing collar 4" (102 mm) below inner sheath opening using 2900 R sealing collar tape. Use 2900 R to fill void between cables.

Wrap over filled void and cables with one layer of 2900 R sealing collar tape and lay ground wire and terminal tail on top of first layer.

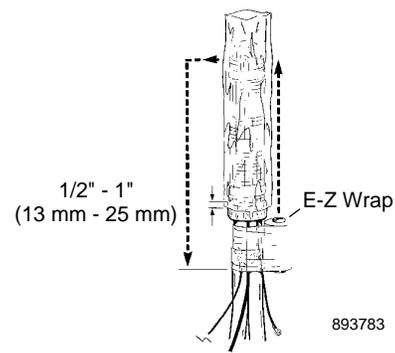


- 1.08 Fill any voids and continue to wrap 2900 R sealing collar tape until sealing collar diameter is one to two wraps larger than the closure body.
- 1.09 Wrap the plastic mesh around the splice, resting on top of the collar and trim mesh 1" (25 mm) below the top of the splice loop. Secure mesh by wrapping two layers of vinyl tape at top and bottom. Slide closure body over splice making sure closure will fit. Remove closure.



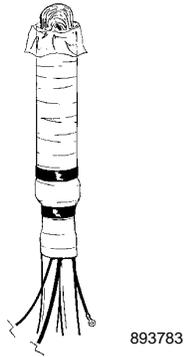
- 1.10 Slip plastic sleeve over mesh and stick to 2900 R sealing collar tape 1/2" - 1" (13 mm - 25 mm) down onto collar.

- 1.11 Starting between the sealing collar and the outer sheath opening, wrap 3 mil pressure wrap tightly around the cables and up over the sealing collar. Once over the collar, use minimal tension and wrap up to the top of the mesh and back down to the collar. Stretch the 3 mil pressure wrap again as it goes over the collar.



1.12 Wrap four layers of vinyl tape immediately above and below the sealing collar.

1.13 Fold plastic bag back on itself until the bag opening is even with the top of the bundle.



1.14 Mix encapsulant according to the manufacturer's instructions and pour the encapsulant to the top of the mesh.

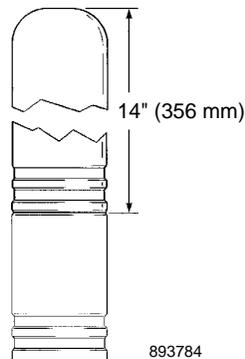
Note: Carefully follow health, safety and disposal information on encapsulant label or Material Safety Data Sheet.

1.15 Lightly massage the splice bundle to work out any trapped air and fill voids.

1.16 Unfold the top of the bag and twist the excess material tightly to seal off top opening. Fold bag top over and tape to splice bundle using vinyl tape.



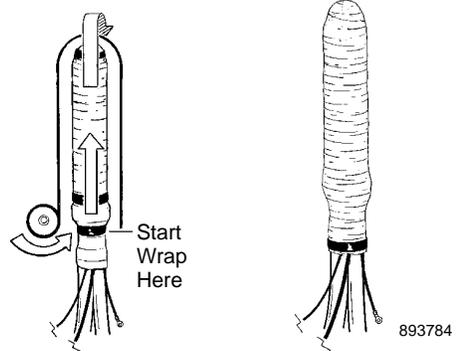
1.17 For double sheath cable, trim the closure body to 14" (356 mm) by cutting the closure at the cut line.



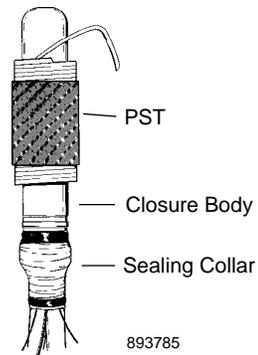
It is not necessary to trim single sheath.

1.18 Starting at the bottom of the sealing collar, layer 3 mil pressure wrap up over the top of filled bag and back down to the collar. Shift 3 mil pressure wrap around the bundle and again go over the bundle and back down to the collar.

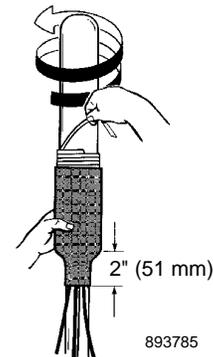
Starting at the top of the encapsulant filled bag, wrap five highly stretched layers of 3 mil pressure wrap. Secure the end of the 3 mil pressure wrap with vinyl tape.



1.19 Slip closure body over splice bundle and rest on the top of the sealing collar. Secure with two wraps of vinyl tape.



1.20 Place PST tube over the closure body and 2" (51 mm) below sealing collar. Unwind the tail in a counterclockwise motion until core is completely removed.



1.21 Secure closure in pedestal and bond.

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