

TC-151-HP
Rev A, Mar 2017
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Auxiliary lead sleeve seal

Recommended Safety Rules

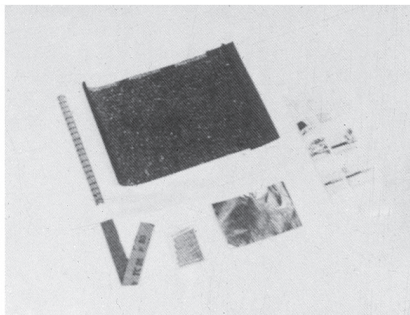
- check manhole for gas
- use safety glasses and safety gloves when working with open flame.

Recommended torches :
Propane torch e.g. CommScope torch FH-T001.

Selection Chart RLSS

Type	cable min. OD (mm)	lead Auxil. Sleeve max. OD (mm)
RLSS 45/10	10	45
RLSS 65/20	20	65
RLSS 95/30	30	95
RLSS 125/40	40	125

note : the auxiliary lead pipe outer diameter shall be maximum 30 mm larger than the cable diameter.

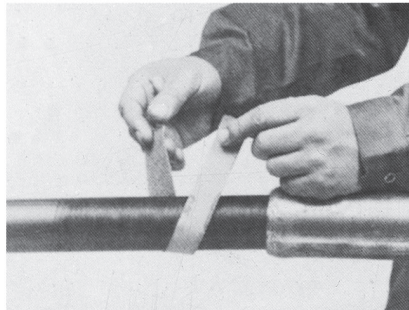


Kit contents :

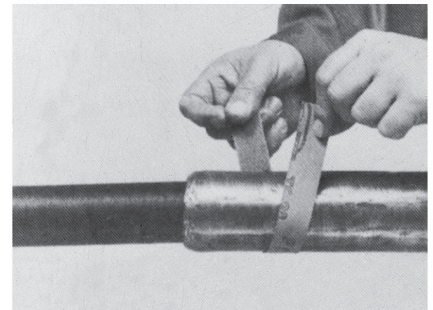
- Wraparound sleeve
- Stainless steel channel
- Cleaning tissue
- Abrasive strip
- Aluminium cable tape
- Installation procedure



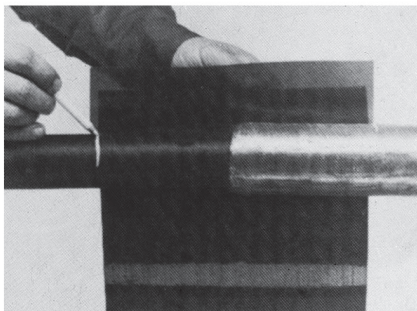
1 Remove solvent impregnated tissue from its package and clean the cable jacket for a distance of ± 20 cm.



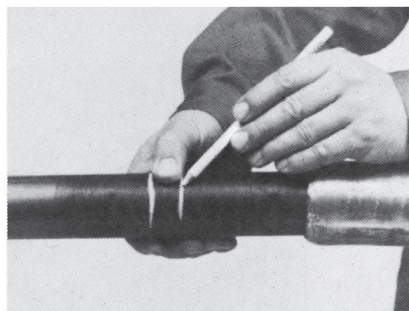
2 Abrade cable jacket circumferentially over same length.



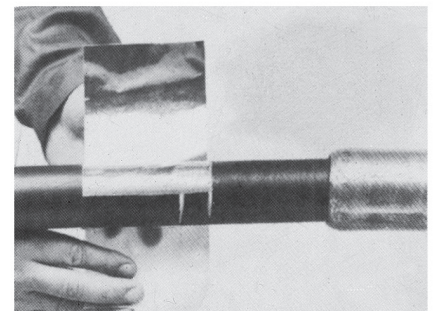
3 Abrade circumferentially the lead surface over a length of ± 20 cm.



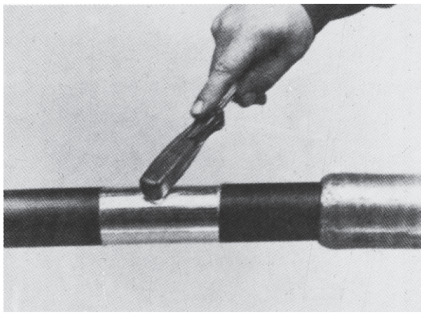
4 Centre the wraparound sleeve, half over lead, half over the cable and mark the end of the sleeve on cable jacket.



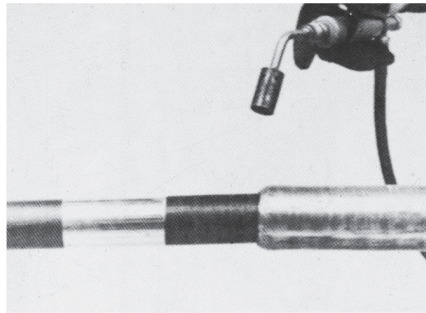
5 Add a second mark a thumb width ($\pm 2,5$ cm) nearer the lead.



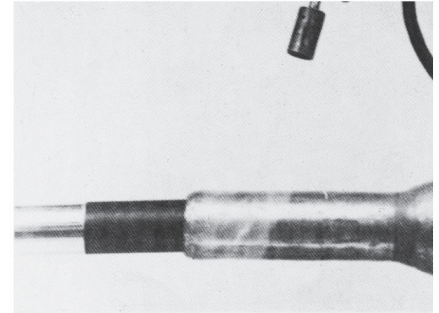
6 Apply aluminium cable tape on the cable jacket away from the lead starting from the inner mark.



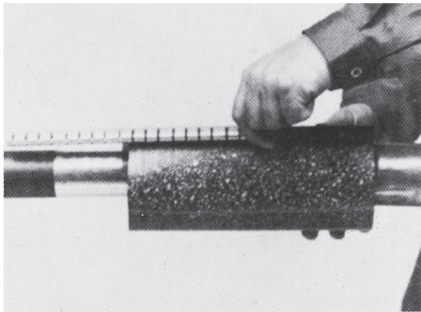
7 Dress the aluminium cable tape with a blunt tool to smooth sharp edges.



8 Flame brush the cable area between lead and aluminium tape for about 10 seconds.



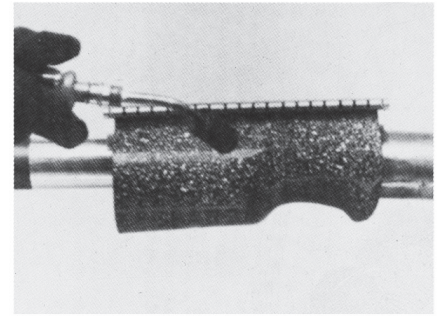
9 Preheat the lead surface over abraded length up to $\pm 60^{\circ}\text{C}$ (hot to the touch).



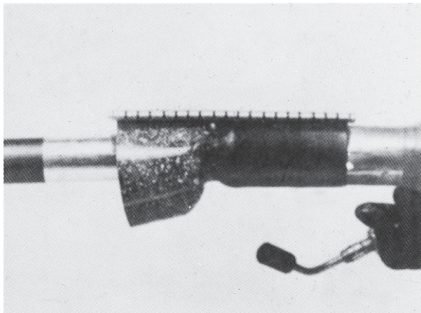
10 Wrap the heat-shrinkable sleeve around lead and cable. Pull the steel channel over the rail. The channel must protrude the same distance at each end. Centre the sleeve versus the lead/cable jacket-transition.

Notes for heating

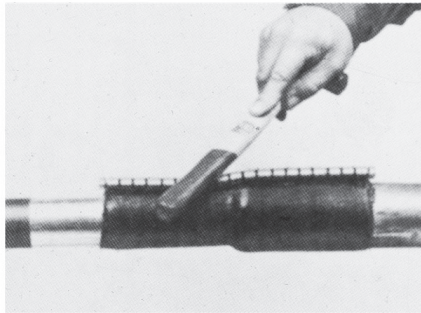
- Regulate flame to a total length of ± 30 cm with a yellow tip of ± 10 cm.
- During the shrinkage, move flame continuously to avoid local overheating.
- At each heating step, apply heat until the temperature-indicating paint has changed colour completely.



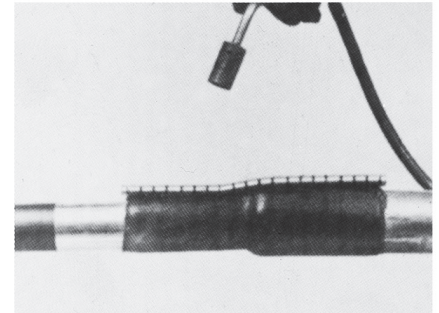
11 Recover the sleeve starting from the centre moving circumferentially (360°C) towards the lead part. When the paint has completely changed to black progressively move towards the lead part.



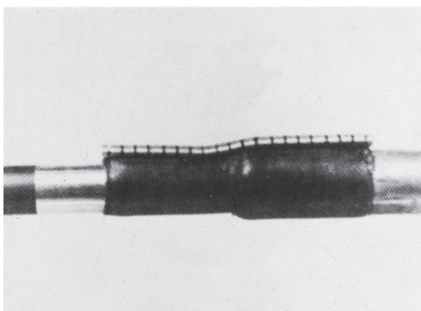
12 Continue shrinking the other half of the sleeve on the cables moving circumferentially towards the end of the sleeve.



13 Press the channel with a blunt tool to follow the transition from lead to cable.



14 Apply additional heat along the entire channel area for at least 20 seconds to ensure good flow of adhesive. Adhesive must flow from the ends of a sleeve properly shrunk.



15 Pressurization can be carried out when the sleeve has reached ambient temperature.

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