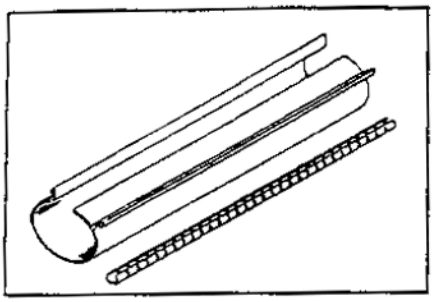
Raychem

EMK-XJR

ElectroMelt™ Jacket
Repair Kit



Kit Contents:

1 Shrink Wrap Sleeve
1 Metal channel

Tools Required:

Propane torch (Raychem: FH2616-A1)
Utility knife
Ruler

Description:

The ElectroMelt EMK-XJR jacket repair kit is used for repairing the damaged outer jacket of ElectroMelt EM2-XR self-regulating heating cable for snow-melting and anti-icing. ONLY heating cable satisfying the description below should be repaired. This kit is for use in ordinary areas only.

WARNING: DAMAGED HEATING CABLE CAN CAUSE ARCING OR FIRE. DO NOT ENERGIZE DAMAGED HEATING CABLE; REPAIR OR REPLACE IT.

- Only heating cable complying with the description below should be repaired.
- Follow the installation instructions carefully.
- Do NOT substitute kit parts.

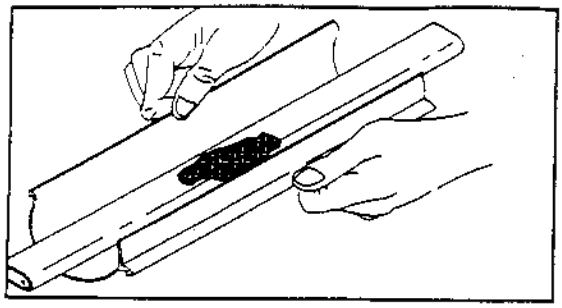
Use this Jacket Repair Kit only if:

- The heating cable passes (insulation resistance between bus wires and metallic braid of at least 20 megohms) a 2500 VDC megger test.

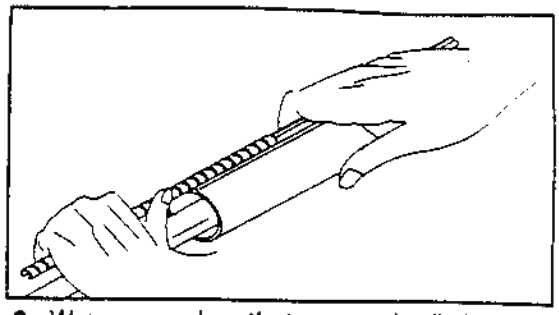
- Individual strands of the metallic braid have not been broken.

- The damaged section is no longer than 10 inches.

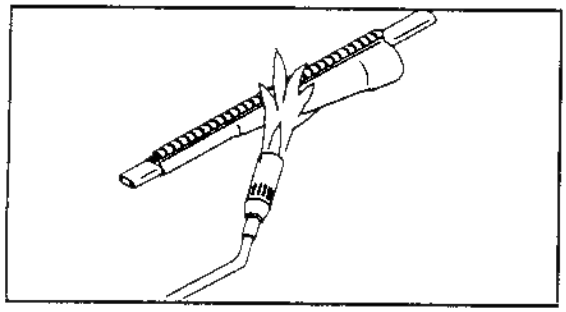
If any of these conditions are not met, DO NOT use this Jacket Repair Kit. The damage heating cable must be removed and replaced using one or two EMK-XS splice kits.



1. Peel off protective backing from ShrinkWrap sleeve and center sleeve over area to be covered. The damaged section must be less than 10 inches long.

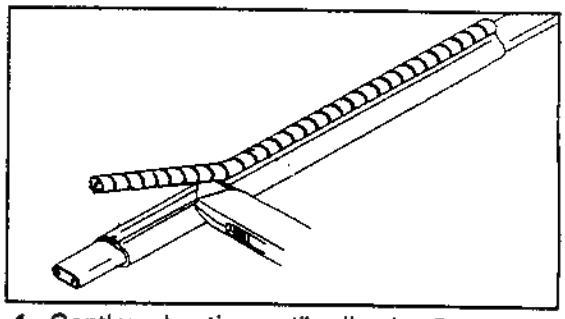


2. Wrap around so that grooved rails butt together. Then slide metal channel onto rails as shown. Extend metal channel beyond ends of sleeve.



3. Using the propane torch with a smooth brushing motion, begin heating metal channel first for about 20-30 seconds. Using the same brushing motion, shrink center of sleeve and work out toward both ends.

Note: Adjust propane torch for a soft yellow low-heat flame rather than a blue focussed flame. Keep flame moving.



4. Continue heating until adhesive flows out ends.

Allow assembly to cool for about ten minutes. Cut off the metal channel and rail, using a utility knife; be careful not to cut heating cable.

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