

 <p>Tyco Electronics Tyco Electronics Corporation 305 Constitutional Drive Menlo Park, CA 94025 USA</p>	<p>Raychem Tubing</p>	No: TUS-41-3023 Rev: A Date: January 17, 2008 Page: 2 of 2
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INSTALLATION:

1. Clean, degrease and lightly abrade all parts that will come into contact with the adhesive surface, as required (Figure 1).

2. Remove the release paper over the smaller of the two contact adhesive strips (Figure 2). **Note:** Both contact adhesive strips are there only as an installation aid, and provide no additional adhesion strength to the product.

3. Position the wraparound sleeve centrally over the damaged area (Figure 3), then press down firmly on the contact adhesive strip. **Note:** The damaged area must be fully covered by the hot melt adhesive. The product must extend at least 25 mm (1 inch) beyond each side of the damage as shown, and the sleeve overlap should never exceed 50% of the circumference of the substrate (it is acceptable to cut down the sleeve to obtain the proper overlap). Excessive overlap increases installation time and reduces the amount of heat transfer to the repair site.

4. Wrap one layer tightly around the cable. Remove the second (larger) release paper from the contact adhesive strip (Figure 4). Wrap the remaining sleeve around the cable and press down firmly on the contact adhesive strip.

5. Start shrinking the QSW sleeve in the center (or the largest diameter) then out toward the ends, taking care not to scorch or burn the sleeve backing, or the adjacent cable (Figure 5). Heat shields (aluminum tape works well) may be used to protect adjacent cables. **Note:** Whether using a gas torch, heat gun or oven, sufficient heat must be applied to ensure proper bonding to the substrate and in the overlap area. A properly installed sleeve will be soft to the touch. It is not necessary for adhesive to flow from the edges of the sleeve to achieve good bonding. Ambient temperature of the application environment, temperature of the repair surface and the QSW sleeve are all factors in achieving sufficient heating, therefore the product should be stored at room temperature whenever possible.

6. Allow the sleeve to cool to ambient temperature before applying any mechanical strain (Figure 6).

For assistance or more information, call Tyco Electronics – Raychem Tubing at 1-800-926-2425

IMPORTANT

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