

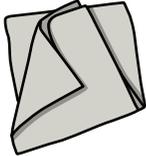
ER Emergency Repair Silicone Tape Instructions

ER Emergency Repair Tape is designed for flexible repairs and is self-fusing, meaning it forms a solid silicone rubber insulation layer without the need for adhesives. It is suitable for applications requiring high-temperature resistance and excellent dielectric strength.

MATERIALS NEEDED:



ER Emergency
Repair Tape

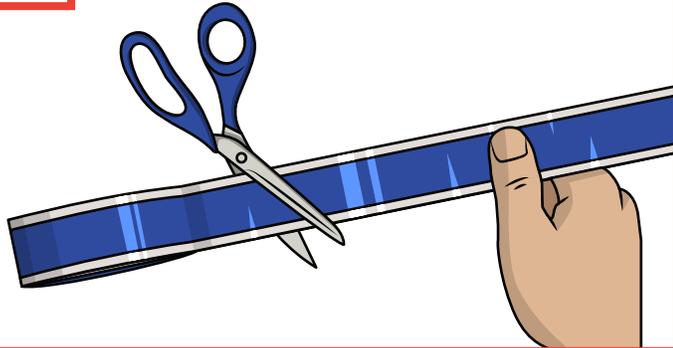


Clean cloth or brush
for surface preparation



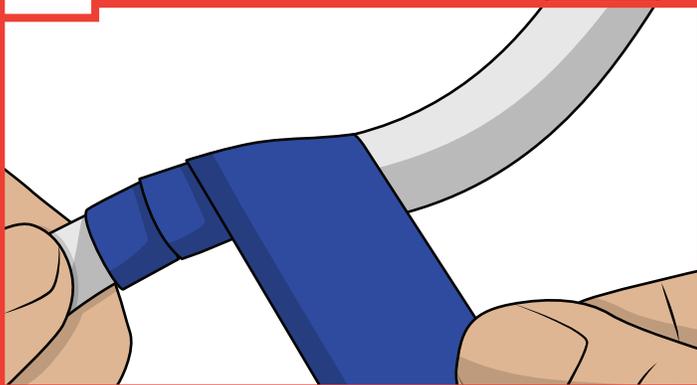
Scissors or
utility knife

2 MEASURING AND CUTTING



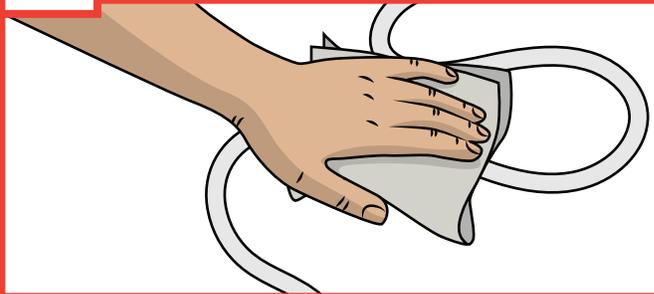
Measure the length of tape required for the application, allowing for at least one complete overlap of the tape around the object. Cut the tape to the desired length using scissors or a utility knife.

4 INITIAL WRAP



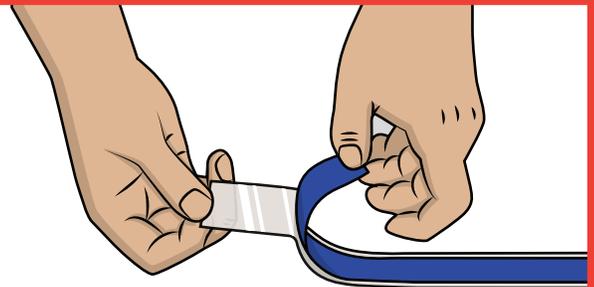
Begin wrapping the tape around the object by stretching it slightly. Start at the end of the area to be insulated and wrap with a 50% overlap, ensuring each new layer covers half of the previous one.

1 SURFACE PREPARATION



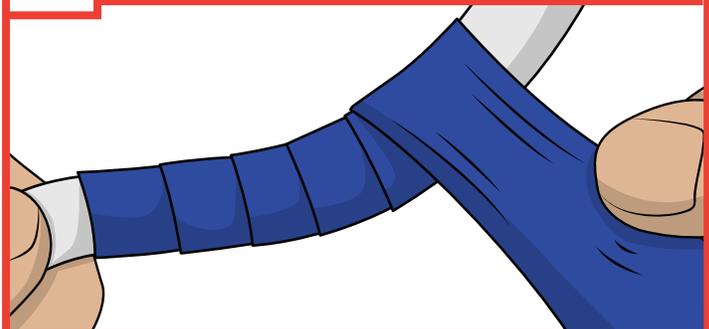
Ensure the surface to be insulated is clean, dry, and free from oils, dust, and other contaminants. Use a clean cloth or brush to remove any debris.

3 LINER REMOVAL



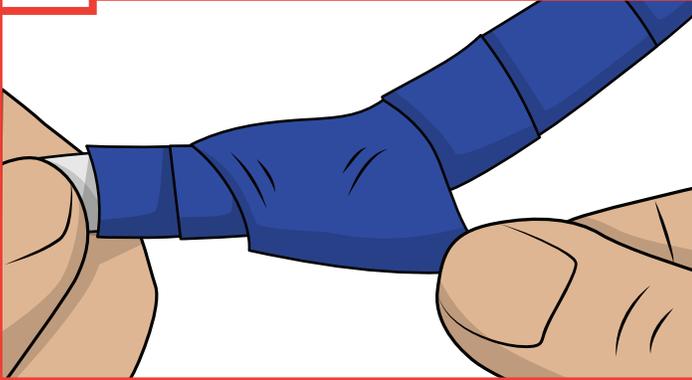
Peel off the protective liner from the tape before application. This will expose the silicone, which will begin the self-fusing process when wrapped.

5 TENSION AND OVERLAP



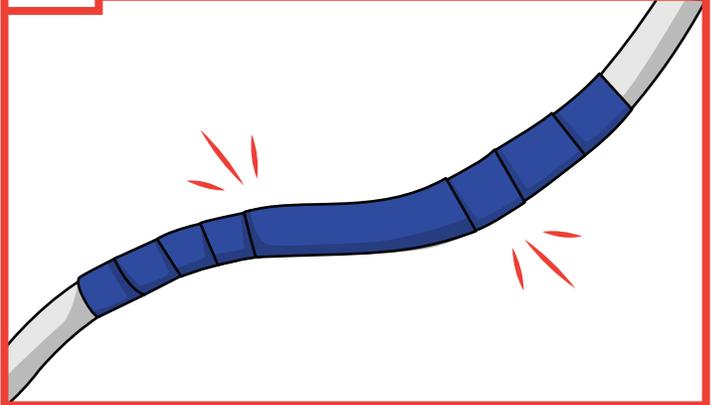
Maintain consistent tension while wrapping to ensure a tight and secure fit. The tape should be stretched to about twice its original length to activate the self-fusing properties. Ensure that each layer overlaps the previous layer by half its width.

6 FINAL WRAP AND SECURING



Once the object is fully covered, continue to wrap the tape over itself for a few more turns to secure the end. Press down firmly on the last wrap to ensure it fuses well with the underlying layers.

7 INSPECTION



Inspect the wrapped area to ensure there are no gaps, wrinkles, or air bubbles. The tape should form a uniform, smooth, and secure insulation layer.

TIPS FOR EFFECTIVE USE:

- **Temperature Application:** For best results, apply the tape in conditions above 50°F (10°C).
- **Repositioning:** The tape can be repositioned during the initial application but will begin to fuse permanently within minutes.
- **Storage:** Store unused tape in a cool, dry place away from direct sunlight to preserve its shelf life.

SAFETY CONSIDERATIONS:

- Avoid using the tape on or near live electrical circuits.
- Ensure proper personal protective equipment (PPE) is worn during installation to avoid any electrical hazards.

By following these instructions, you can effectively use **ER Emergency Repair Tape** for reliable and flexible repairs, ensuring safety and durability in your applications.

For more information, refer to technical data sheet and safety data sheet.