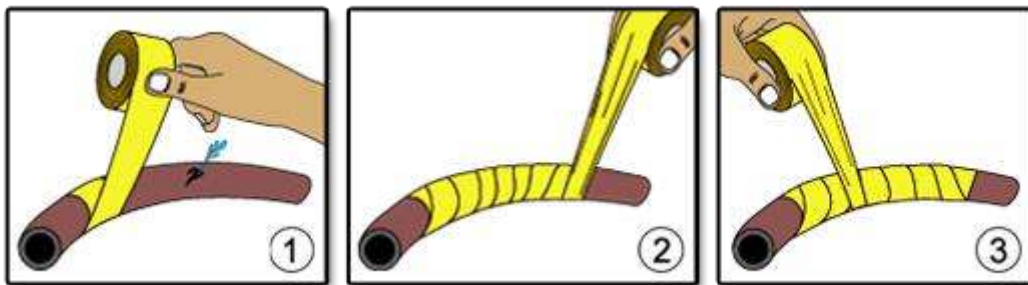


# Silicone Rescue Tape Instructions

Rescue Tape is the highest-quality, strongest & fastest-fusing silicone tape available. It's a breeze to use, here are our silicone tape instructions to help you get started.

1. Wrap Rescue Tape around project by stretching and overlapping onto itself. Stretch at least double to ensure a good bond; for high pressure leaks stretch to maximum amount. The tighter Rescue Tape is wrapped, the quicker and stronger the bond.
2. Continue wrapping Rescue Tape around project by overlapping 50% onto itself so that  $\frac{1}{2}$  the width is covered with the next wrap. The first and last wrap should completely overlap onto the previous wrap for a complete bond. Additional layers may be necessary; same process should be used over previous layers. Rescue Tape works on either side.
3. Repositioning Rescue Tape is only appropriate in the first few seconds after wrapping. Attempting to reposition Rescue Tape after 1 minute or longer is not recommended. Rescue Tape is not reusable; however, additional Rescue Tape can be applied over project at any time in the future.

Please Note: Rescue Tape has essentially a “maximum” stretch. It is important to stretch Rescue Tape to its maximum to avoid having the leak create a bubble under pressure.



For **high-pressure leaks**, additional wrapping may be required. Most hose repairs can be repaired with 3-5 layers thickness, wrapping 3-5 inches in each direction away from the leak. *Additional strength can be added by wrapping more Rescue Tape.*

For **electrical wiring and insulation**, it is not necessary to stretch tightly. In fact, it will be more resilient to abrasion when not stretched as tightly.

When applying Rescue Tape to **flexible surfaces**, take into account flex under pressure and any moving parts. Rescue Tape will remain flexible even after fusing.

TECH DATA:

Property	Test Method	Mil Spec Min. Performance	Test Results
Operating Temperature Range		-65° C to 260° C	-65° C to 260° C
Continuous Temperature Range		-60° C to 200° C	-60° C to 200° C
Cold Brittle Point		-65° C	-65° C
Hardness Shore A	ASTM D2148	50	50
Tensile Strength, Min.	ASTM D119	700 PSI	950 PSI, +/- 25 PSI
Elongation, Min.	ASTM D119	300%	800%, +/- 50%
Tear Strength, Min.	ASTM D624, Die B	85 ppi	85 ppi
Bond Strength, Min.	MIL-I-46852	2 lbs	12 lbs
Cold Brittle Point, Max.	ASTM D746	-65° C	-65° C
Water Absorption, Max.	MIL-I-46852	3% By Weight	3% By Weight
Dielectric Strength, Min.	MIL-I-46852	400 v/mil (8,000 Volts/20mil)	400 v/mil (8,000 Volts/20mil)

**All Technical Data testing performed by third-party facility: 2009 Imanna Laboratory, Rockledge, Florida**