Rescue Tape Information Sheet

Ideas for Usage

- Emergency hose repair
- Seals leaky hoses, pipes, tubing and fittings
- Electrical insulation
- Wrap wiring harnesses and custom split-looming
- Wrap hydraulic fittings and other exposed metal connections to help prevent corrosion
- Sealing connections and fittings
- Waterproofing
- Rigging Applications
- Whipping rope ends
- Marking lines and chain
- Use it as an emergency fan belt or O-ring
- Wrap tools and handles for a great non-slip grip

And much, much more....

Key Benefits

- RESCUE TAPE is the strongest, fastest fusing repair tape on the market
- It can withstand a constant working temperature of 200°C.
- Pressure resistant up to 8 bars
- Insulates 8000 volts
- Permanent seal
- Waterproof – airtight
- Can be applied under water
- Never gets gummy or sticky.

Description

The award winning silicone RESCUE TAPE, first used by the US military, is the most versatile and easy to use emergency and all-purpose repair product available. RESCUE TAPE is also the strongest, fastest curing tape on the market and can resist high temperatures, high pressure, fuels, oils, acids, solvents, salt water, road salt and UV rays to form a waterproof and airtight permanent seal. Furthermore, its self-fusing technology means it has the added advantage of never getting gummy or tacky. So keep a roll of RESCUE TAPE in all cars, boats and tool boxes in case of an emergency.

Directions for use:

Application:

- Wrap RESCUE TAPE around project by stretching and overlapping onto itself. Stretch the tape to at least double its original length to ensure a good bond. For high pressure leaks, stretch to the maximum. The tighter RESCUE TAPE is wrapped, the quicker and stronger the bond.
- Continue wrapping RESCUE TAPE around project by overlapping so that half 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, and the same process should be used over the previous layers. RESCUE TAPE works on either side.

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Product Data

Packaging: Approx. 2.5cm wide x 3 cm roll length x 0.5 thick.

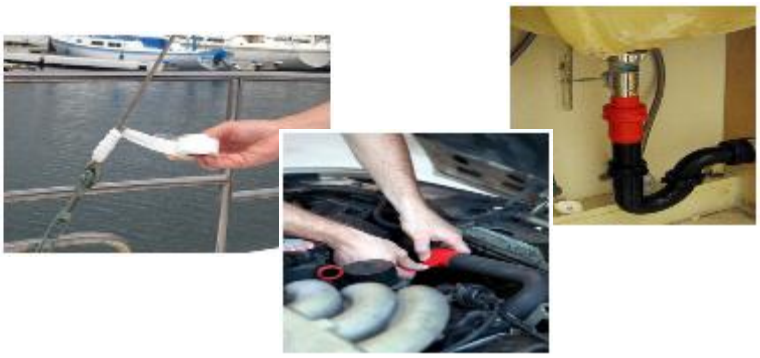
Shelf Life: Up to 24 months when stored according to the manufacturer's instructions.

Storage: For the longest shelf life, it should be kept at room temperature and away from direct light or heat. However, these factors only slightly alter the shelf life. Even when stored improperly, RESCUE TAPE should last for many years.

- Most hose repairs can be repaired with 3-5 layers in thickness, and wrapping 3 to 5 inches in each direction away from the leak.
- Repositioning RESCUE TAPE can only be done in the first few seconds after wrapping. Attempting to reposition RESCUE TAPE after 1 minute or longer is not recommended. Also, please note RESCUE TAPE is not reusable.
- Additional RESCUE TAPE can be applied over the project at any time in the future
- RESCUE TAPE does not stick to the surface of a project, and therefore it does not matter whether the surface is clean or dirty. As long as you can overlap RESCUE TAPE onto itself, it will work, even if the surface is wet, dirty or oily. You should avoid getting dirt or oil between the layers, however, as this will interfere with the bonding surface.
- RESCUE TAPE can be cut with a utility knife or scissors, and will never leave any sticky residue behind like traditional adhesive tapes because there is no adhesive!

Limitations:

- RESCUE TAPE is not designed to be a permanent repair and there are no guarantees as to how long the repair will last.



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Specification Summary

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 PSI950 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 Absorbtion, 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)

*2009 Imanna Laboratory, Rockledge, Florida