RESCUE TAPE

Self-Fusing Silicone Repair Tape

Technical Data Sheet

RESCUE RANGE OF SILICONE REPAIR TAPES

Description:

A self-fusing silicone repair product with infinite uses. Resists fuels, oil, acids, solvents, salt water, road salt and UV rays.

Features & Benefits:

- ***Pressure resistant up to 8 Bar.***
- ***Insulates 8,000 volts.***
- ***Permanent seal.***
- ***Waterproof - airtight.***
- ***Can be applied under water.***
- ***Never gets gummy or sticky.***

Uses

For repairing leaks on plumbing and hoses in a flash. It can be used it to insulate electrical wiring and it can withstand a constant working temperature of 200°C.

Suitable for emergency hose repair, pipe and plumbing repair, electrical insulation, wiring harnesses, corrosion protection, sealing connections & fittings, waterproofing, rigging applications, whipping rope ends, marking lines and chain, emergency O-rings and seals, tool handles and grips and much more.

Limitations

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

Application

1. Wrap RESCUE TAPE around project by stretching and overlapping onto itself. Stretch 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.

2. 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.

3. 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.

4. 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. RESCUE TAPE is not reusable.

5. Additional RESCUE TAPE can be applied over project at any time in the future.

6. 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's no adhesive!

Size

Standard: Approx. 2.5cm wide x 3.66m roll length x 0.5mm thick. And now available in 1.52m length in black and clear.

Colour

Available in black, white, red, blue, clear and yellow.

Storage Conditions & Shelf Life

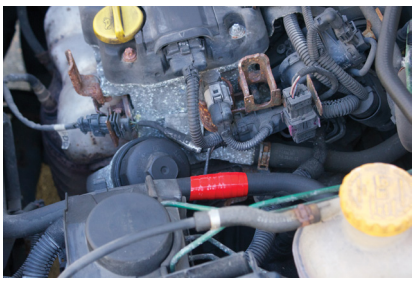
For the longest shelf life, it should be kept at room temperature and away from direct light or heat. However, these factors only slightly alter the shelf life. Even when stored improperly, RESCUE TAPE should last for many years. Our customers have reported that our self-fusing silicone kept for decades will still work extremely well!

Health & Safety

Please refer to separate safety data sheet (SDS) for full handling, use and storage instructions. Keep out of reach of children. It is the user's responsibility to determine suitability for use. If in doubt, contact our Technical Department for advice.

Note: this information is for general guidance only, since site conditions and labour are beyond our control.

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 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 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



Product / Order Details

Code	Colour	Size	Barcode	UFI
BDRTBL	Black	2.5cm x 3.66m x 0.5mm thick	5060021369130	-
BDRTCL	Clear	2.5cm x 3.66m x 0.5mm thick	5060021369147	-
BDRTR	Red	2.5cm x 3.66m x 0.5mm thick	5060021369154	-
BDRTBU	Blue	2.5cm x 3.66m x 0.5mm thick	5060021369161	-
BDRTY	Yellow	2.5cm x 3.66m x 0.5mm thick	5060021369178	-
BDRTWH	White	2.5cm x 3.66m x 0.5mm thick	5060021369185	-
RTRSB36AS*	Black & Clear	2.5cm x 1.52m x 0.5mm thick	810030760610	-
*(*18 of each colour per dispay box)*				
Commodity Code			3919101990	

Note: *The data presented in this leaflet is in accordance with the present state of our knowledge, but does not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties rights and, if necessary clarifying the position. Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the products for a particular purpose.*

SCAN ME AND GET THE BOND IT APP

Part of the Bond It Tape Range

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ISOQAR REGISTERED UKAS MANAGEMENT SYSTEMS 0026
Certificate Number 6152
ISO 9001
ISO 14001
ISO 45001

Version 3: Updated 18/09/24
Supercedes: V2 28/5/14

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