



Never compromise on quality!



# RESCUE TAPE

## Self-Fusing Silicone Repair Tape



### RESCUE RANGE OF SILICONE REPAIR TAPES

#### Description:

**RESCUE TAPE is a self-fusing silicone repair product with infinite uses. Resists fuels, oil, acids, solvents, salt water, road salt and UV rays.**

#### 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 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!

#### 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!

#### Limitations

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

#### Roll 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.

#### Colours

**RESCUE TAPE** is available in black, red, blue, clear and yellow.

#### Storage Conditions

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 material safety data sheet for full handling, use and storage instructions. Keep out of reach of children. It is the users 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. It is recommended that users make their own tests to determine suitability.**

## Specification Summary

| Property                     | Test Method      | Mil Spec<br>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<br>(8,000 Volts/20mil) | 400 v/mil<br>(8,000 Volts/20mil) |

\*2009 Imanna Laboratory, Rockledge, Florida

### Product Details:

|                 |  |               |               |               |               |               |
|-----------------|--|---------------|---------------|---------------|---------------|---------------|
| <b>Colour:</b>  | Black  | Clear         | Red           | Blue          | Yellow        | White         |
| <b>Code:</b>    | BDRTBL                                       | BDRTCL        | BDRTR         | BDRTBU        | BDRTY         | BDRTWH        |
| <b>Barcode:</b> | 5060021369130                                | 5060021369147 | 5060021369154 | 5060021369161 | 5060021369178 | 5060021369185 |
| <b>Size:</b>    | 2.5cm wide x 3.66m roll length x 0.5mm thick |               |               |               |               |               |



|                 |  |
|-----------------|--|
| <b>Colour:</b>  | Black & Clear (18 of each)                   |
| <b>Code:</b>    | RTRSB36AS                                    |
| <b>Barcode:</b> | 810030760610                                 |
| <b>Size:</b>    | 2.5cm wide x 1.52m roll length x 0.5mm thick |

The data presented in this leaflet are in accordance with the present state of our knowledge, but do 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.



Part of the Bond It Tape Range



Certificate Number: 6152  
ISO 9001; ISO 14001;  
ISO 45001

**BOND IT**  
Head Office: Unit G16 River Bank Way, Lowfields Business Park,  
Elland, West Yorkshire HX5 9DN.  
Telephone: +44 (0)1422 315300 Fax +44 (0)1422 315310  
Email: salesuk@bonditgroup.com Website: www.bonditgroup.com



V2 28/05/14  
Supercedes: V1