



Wrap & Repair Silicone Tape

03625

Technical Data Sheet

March, 2013

3M Part No.(s)	3M Part Descriptor(s)
03625	3M™ Wrap & Repair Silicone Tape

Product Description When a hose, tool, pipe, electrical or other repair is needed, wrap and repair it! 3M™ Wrap and Repair Silicone Tape is a super stretchy, highly conformable solution for everyday repairs. Simply wrap the tape around the repair area and allow the silicone to fuse to itself, forming a permanent, air and water tight seal. 3M™ Wrap and Repair Silicone Tape is designed to be resistant to heat, friction and UV and withstand extreme temperatures of -85°F to 500°F. No adhesive, no mess, just a repair that will last.

Features, Advantages, Benefits

Features

- Adhesive-free tape bonds permanently to itself
- Stretches and conforms easily to any surface
- Meets UL 510 Standards

Advantages

- Versatile repair tape for automotive and home repairs
- Creates a water and air tight seal
- Clear in color for strong, less visible repairs

Benefits

- For hose, electrical, plumping, and tool repair

Typical Physical Properties

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Property	Specification	Test Results
Specific Gravity, ASTM D792	1.2 +/- 0.03	1.18
Hardness durometer, Shore A, ASTM D2240	55+/-5	55
Tensile Strength, ASTM D412	700 psi min.	1400 psi
Elongation, ASTM D412	300% min.	550%
Tear Strength, ASTM D624, DIE B	60 ppi. min.	157 ppi
Bond Strength, MIL-I-46852	2 lbs min.	3.8 lbs
Adhesion, unwind, ASTM D2148	3 in min.	Pass
Cold brittle point, ASTM 2137	-54°C (-65°F)	Pass
Dielectric Strength, ASTM D149	400Vpm min.	500Vpm
Volume Resistivity, ASTM D257	1 x 10 ¹³ OHMS/cm min.	1 x 10 ¹⁵ OHMS/cm

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Product Uses

Strong and leak-proof

Wear and tear is part of vehicle and home ownership. This versatile, self-fusing tape creates an air and water tight seal for hose, electrical, plumbing, and tool repairs. The product is designed to be resistant to heat, friction and UV and withstand extreme temperatures of -85°F to 500°F. Keep a roll of 3M™ Wrap and Repair Silicone Tape in your vehicle or garage in case of emergency and do not get caught off guard by repairs.

No adhesive, no mess

3M™ Wrap and Repair Silicone Tape is rolled like a tape, but it is adhesive-free. By self-fusing to itself, it creates a permanent bond without the need for a sticky adhesive.

Flexible

Curved surfaces can make repairs difficult, but the conformability and flexibility of 3M™ Wrap and Repair Silicone Tape makes repairs easier. Instead of replacing a damaged hose, make the hose repair yourself using this flexible and strong repair tape.

Directions for Use

1. Prepare and clean the surface to be wrapped
2. Peel back the liner and wrap the necessary amount of tape around the repair surface stretching the tape and overlapping by half the width.
3. Once the surface is wrapped, overlap the last wrap full to ensure a good seal.

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Precautionary Information

Refer to Product Label and Material Safety Data Sheet for Health and Safety Information before using this product.

Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

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For Additional Health and Safety Information



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