

Introduction

SealXpert® Ultra Sealing Tape is made of the highest quality materials for a permanent air-tight and water-tight seal in emergency situations. It is designed for quick plumbing repairs, sealing hoses in your car/ truck/ boat, coating the ends of rope, sealing the hatch of a space shuttle as it re-enters earth's atmosphere, wrapping tool handles, emergency O-ring seals or to insulate electrical wiring. It resists fuels, acids, oils, solvents, salt water, road salt and UV rays.

Application

- Active leak in pipes under 150psi pressure (With a combination of SealXpert® products)
- Emergency Radiator Hose Repair
- Insulate electrical wiring
- Corrosion Protection

Main Properties

- Thickness: 0.5 mm
- Width: 25mm, 32mm & 50mm
- Length/Roll: Normal package 10 meters
- Standard colour: Black
- Operating temperature:-50°C~250°C
- Flame-retardant
- OEM service
- Standard package:1 roll per box

Typical Properties

Property	Results	Method
Optimum working temperature	150°C	-
Cold brittle point	-50°C	-
Tensile strength	700 psi	ASTM D 3759
Elongation, Min.	300%	ASTM D 3759
Specific gravity	1.17	-
Volume resistivity, Min.	1×10^{13} Ω/cm.min	ASTM D 1458
Water absorption, Max.	3% By Weight	FED-STD-601 Method 625
Dielectric strength, Min.	400 Volts/mil	ASTM D 149
Bond strength, Min.	2 lbs. min	ASTM D 2148

Direction for Use

1. Wrap SealXpert® Ultra Sealing 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 Ultra Sealing Tape is wrapped, the quicker and stronger the bond.

2. Continue wrapping SealXpert® Ultra Sealing Tape around project by overlapping 75% onto itself so that 2/3 of 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. Ultra Sealing Tape works on either side.
3. Repositioning SealXpert® Ultra Sealing Tape is only appropriate in the first few seconds after wrapping. Attempting to reposition Ultra Sealing Tape after 1 minute or longer is not recommended. Ultra Sealing Tape is not reusable; however, additional Ultra Sealing Tape can be applied over project at any time in the future.

For high pressure leaks, additional wrapping may be required. 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; however, additional strength can be added simply by wrapping more Sealing Tape.

SealXpert® Ultra Sealing Tape has essentially a "maximum" stretch. It is important to stretch to its maximum to avoid having the leak create a bubble.

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

Safety and Handling Consideration

Keep away from children.
Keep away from fire and avoid high temperature.
More details, please refer to MSDS of this product.

Recommended Storage

Shall be store and/or transport in a dry, ventilated location. Store at temperatures below 35°C/ 95°F. Storage life decreases with increasing storage temperature. Avoid exposure to heat sources such as direct sunlight or steam pipes. To avoid contamination of product with water, do not store outdoors.

Shelf Life: 12 Months from DOM @ 25°C

Disclaimer: The information contained herein is considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data, the results to be obtained by the use thereof, or that any such use will not infringe any patent. Before using, user shall determine the suitability of the product for the intended use and user assumes all risk and liability whatsoever in connection therewith.