

Wrap & Seal - Pipe Burst Tape

DESCRIPTION

Use Sylmasta Wrap & Seal Pipe Burst Tape to close off and seal pipe leaks when pressure cannot be isolated. Simply wrap the tape tightly around the pipe, using the white line as a guide, until the leak is stopped. The tape is designed to bond to itself and fuse into a solid band, meaning it will not unwrap, thus maintaining pressure over the repair. Overwrap with SylWrap Pipe Repair Bandage to make a permanent repair.

Wrap & Seal is not just a silicone tape - it has been specifically designed to seal live pipe leaks, thanks to its extreme high-stiffness formulation and unique profile and thickness. Other tapes make looks similar but are simply not equal in performance when sealing live leaks. In addition, Wrap & Seal is WRAS approved, making it safe for use with drinking water.

Wrap & Seal can also be used for electrical insulation, for areas such as electrical connections, motor coils, transformers, power leads and terminal splicing.

FEATURES

- 1mm thickness - thickest tape available for tightest seal
- High stiffness formulation provides superior leaking stopping per wrap
- Central white guide line to aid wrapping for best results
- Tapered profile to maximise surface contact and fusing

APPLICATIONS

- Pinhole leaks
- Cracks or splits
- Waste pipes and hoses

PRESSURISED PIPE REPAIR DIRECTIONS (PIN HOLE LEAK)

- Refer to Wrap & Seal Requirement Tables to choose size and quantity of Wrap & Seal required.
- Reduce pipe pressure if possible. If this cannot be achieved, the repair will be more difficult.
- Clean repair area of any loose material. Avoid making scratches in the direction of the pipe.
- IMPORTANT! If the pipe surface is corroded, pitted or otherwise too uneven to make a good seal with Wrap & Seal, then you may need to smooth the surface with a file or fabric backed sandpaper to provide a good seal.
- Peel back release film from the start of the Tape!
- Secure Tape to the pipe by positioning it to the side of the leak and making a full wrap around the pipe so that it grips to itself.
- Wrap the Tape towards the leak so that it is stretched as tightly as possible to at least three times its length.
- Remove release film during application and ensure that the Tape overlaps half its width each time.
- Once over the leak, keep applying Wrap & Seal directly over the leak area, stretching it as tightly as possible so that full pressure is applied. Do not "chase the leak" or wrap away from leak location.
- If using more than one roll, start the next roll over where the previous roll ended.
- Continue wrapping until the leak stops and the specified number of rolls are used. Use more rolls if water continues to leak under the tape.
- If leak is not completely stopped, do not move on to the next step.
- If very small "beads" form at the edges of the finished repair, this can be caused by fluid tracking along scratches in the pipe's surface. This should completely stop within a few hours but sometimes up to a day, as the Wrap & Seal deforms into the scratches and seals them.
- For tight applications, Tape can be cut into shorter lengths and applied as above, although this should only be done if absolutely necessary as a tight seal will be harder to achieve.

See online video for more information: www.sylmasta.net/product-videos-pipe-repair/

TECHNICAL DATA

Colour	Black
Operating Temperature	-90°C to 260°C
Live Pressure Resistance	12 bar on 50mm pipe using PB/25x2HD 12 bar on 100mm pipe using PB/50x4HD
Shore A Hardness	55
Tensile Strength	9.7 MPa
Max Elongation	450%
Tear Strength	175 N/m
Bond Strength	9N
Adhesion Unwind	75mm max
Cold Brittle Point	-54°C
Water Absorption by Weight	3% max
Dielectric Strength	15.75 kV/mm / 400VPM
Dielectric Constant 1kHz	2.95
Dissipation Factor 1kHz	< 0.0004
Volume Resistivity	1 x 10 ¹³ OHMS/cm

STORAGE

Sylmasta Wrap & Seal should be stored unopened in its original packaging at room temperature. Do not expose to dusty atmosphere, high levels of humidity above 60%, high levels of ozone etc. Under such conditions it will have a shelf life of at least 12 months from date of manufacture but should remain in useable condition for 10 years.



PERFORMANCE INFORMATION

Moisture Resistance	Excellent
UV Resistance	Excellent
Electrical Insulation	Excellent
Ozone Resistance	Excellent
Resilience	Excellent
Corrosion Prevention	Excellent
High Temperatures	Excellent
Solvent Resistance	Good
Flame Resistance	Good
Acid Resistance	Good to Fair
Abrasion Resistance	Good
Oil Resistance	Good to Fair
Tear Resistance	Good
Hydrocarbon Resistance	Good to Fair

PRODUCT CODE	TAPE SIZE
PB/25x2HD	25mm x 2m
PB/50x4HD	50mm x 4m
PB/50x11	50mm x 11m