

Wrap & Seal

PIPE BURST TAPE



Description

Wrap & Seal Pipe Burst Tape is a self-amalgamating waterproof repair tape which seals live leaks on pipes of all types and diameters. Wrap & Seal is 1mm thick, has a high-stiffness formulation and stretches by three times its length, allowing maximum pressure to be applied per wrap for repairing pipes even when pressure cannot be turned off.

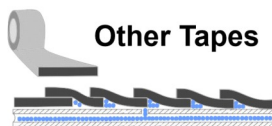
As it is wrapped tightly around a pipe, Wrap & Seal bonds to both the pipe surface and itself to form a solid rubber band over the leak area. Once fused, Wrap & Seal will not unwrap. It maintains pressure over the leak, thus sealing it. Multiple Wrap & Seals applied on top of each other will fuse together in the same way, capable of building pressure resistance up to 30 bar.

The unique tapered profile of Wrap & Seal prevents fluid from tacking under the tape, maximising surface contact with the pipe. It is temperature resistant to 200°C and effective on pipes carrying hot and cold water and chemicals. Repairs can be made to steel, copper, malleable iron, GRP, ceramic, clay, most plastics, concrete, rubber, and other materials.



Wrap & Seal

**Unique tapered profile
stops fluid from tracking
under the tape**



Other Tapes

Wrap & Seal has WRAS Approval, meaning it is safe to use on pipes and fittings carrying drinking water. Repairs can be reinforced by overwrapping with **SylWrap Pipe Repair Bandage**, making the repair permanent by protecting the Wrap & Seal with a rock hard, impact resistant shell.

Advantages

- Repairs can be made to pipes without the need to turn off pressure
- Tape has central white guideline to aid overlapping by the recommended 50%
- Repairs requiring one Wrap & Seal can be made in under 15 minutes
- Tape can be removed with a sharp blade if necessary, leaving no residue

Technical Data

Colour	Black
Operating temperature	-90°C to 200°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	< 0.00004
Volume Resistivity	1 x 10 ¹³ OHMS/cm

Storage

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, Wrap & Seal has a shelf life of at least 12 months from manufacture but should remain in useable condition for 10 years.



Performance Information

Pressure resistance	Excellent
Moisture resistance	Excellent
UV resistance	Excellent
Electrical insulation	Excellent
Corrosion prevention	Excellent
High temperatures	Excellent
Solvent resistance	Good
Flame resistance	Good
Abrasion resistance	Good
Acid resistance	Good to fair
Oil resistance	Good to fair
Hydrocarbon resistance	Good to fair

Wrap & Seal Sizes

Product Code	Tape Size
PB-25x2HD	25mm x 2m
PB-50x4HD	50mm x 4m
PB-50x11HD	50mm x 11m

To determine size and quantity of Wrap & Seal required, refer to pressure tables or use repair calculator on Sylwrap.com/wrap-seal-burst-tape

Whilst all reasonable care is taken in compiling technical data on the Company's products, all recommendations or suggestions regarding the use of such products are made without guarantee, since the conditions of use are beyond the control of the Company. It is the customer's responsibility to satisfy themselves that each product is fit for the purpose for which they intend to use it, that the actual conditions of use are suitable and that in the light of our continual research and development programme the information relating to each product has not been superseded.