

Pipe Repair Bandage

WrapTech is a water activated instant repair bandage primarily used for emergency repairs on pipes.

- Made from fibreglass saturated with water activated polyurethane. They have high strength and elasticity.
- Creates a rigid structure with high ability of anti-bending, anti-elongation and are chemical resistant.
- Used as emergency repairs and protection of pipe lines.
- Bond to rubber, PVC, polyester, metal, fibreglass and concrete.

APPLICATIONS

Mining (Coal, Gold, Iron Ore, etc.)

Processing plants – Water / Slurry lines and process equipment

Oil and Gas

Oil / Gas / Water supply lines and process equipment

Water and Waste

Supply and transfer lines

Power Generation

Cooling water, ash transfer and process lines

Pulp and Paper

Supply and transfer lines

Sugar Mills

Supply and transfer lines

Process Industries

Supply lines and equipment



Part No.	Description	Qty / Box
WTB3.6-125	125 mm x 3.6 m WrapTech Bandage	10
WTB10-125	125 mm x 10 m WrapTech Bandage	10
Each bandage is packaged with a pair of latex gloves, steel putty and a datasheet		

Please ensure gloves are worn when handling WrapTech bandages as the resin used will adhere to skin and clothing and may cause irritation. Please refer to SDS provided for further information.

Shelf life of WrapTech bandages is 2 years from date of manufacture, please check this date before using. If the foil pouch is punctured the bandage will become hard and unusable.

APPLICATION PROCEDURE

Supplied gloves must be worn.

1. Clean surface of pipe which will be wrapped.
2. Activate the bandage by soaking in water for 5 seconds, squeezing 2-3 times for complete saturation.
3. Wrap the bandage around the pipe using the entire length, multiple bandages may be required.
4. Mould and press the bandage to enhance adhesion and strength.

Bandage will set in 3-5 minutes, ready for use in 20 minutes.

STORAGE

- Avoid deliberately squeezing or pressing bandage whilst in foil pouch.
- Store in a cool, dry and well ventilated area.
- Avoid high temperatures, store in an area preferably below 30°C.

APPLICATION CHART

WrapTech bandages can be applied to different pipe sizes and shapes. Difficult or large applications may require multiple bandages. The following table is to be used as a guide.

Pipe NB (mm)	3.6 m Bandage Qty	10 m Bandage Qty
100	2	1
150	2	1
200	3	1
250	3	2
300	4	2
350	4	2
400	5	2
450	5	2
500	6	2
550	6	3
600	7	3
650	7	3
700	8	3
750	8	3
800	9	4
850	10	4
900	10	4
1050	12	5

For best results:

- It is recommended that the application should be no less than 10 mm thick, which is approximately 12 wraps.
- It is recommended that the repair bandage extends 50 mm either side of the damaged area.
- The tightness of the wrap is also very important to ensure adhesion of the bandage to the surface of the repaired item.