

RES-Q

pipe repair bandage

FEATURES

- Fast & Effective
- Reduce down-time
- Resistant to most chemicals
- Safe for drinking water lines
- No specialised skills required
- High pressure rating

INDUSTRIES

- Mining
- Industry
- Marine
- Domestic
- Plumbing
- Agriculture

RES-Q PIPE REPAIR BANDAGE

Res-Q pipe repair bandage is a fast and effective way to treat emergency pipe repairs that result in unwanted down-time and increased maintenance costs.

The Res-Q pipe repair kit produces a rock hard, permanent pipe repair that can withstand high pressures and is resistant to most chemicals.



THE RES-Q PIPE REPAIR KIT CONSISTS OF:

- ▶ Latex gloves that must be worn during the application of the Res-Q pipe repair bandage.
- ▶ A resin impregnated fibre bandage that is activated when submerged in water for a very short time.
- ▶ Instructions
- ▶ Material Safety data sheet information with chemical resistance chart and a chart showing the number rolls required for the desired pressure rating.

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- Mining
- Industrial
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INDUSTRIES IT SERVES:



MINING



INDUSTRY



MARINE



PLUMBING



DOMESTIC



AGRICULTURE

DIRECTION FOR USE | YOU WILL NEED:

- ▶ A container of clean water, enough to submerge the Res-Q Bandage completely
- ▶ Latex gloves (Provided in box)

- ▶ The Res-Q Bandage (Provided in Box)

1 STEP



Turn off flow of material in the damaged pipe and make the work area safe.

2 STEP



Clean the damaged pipe area where the repair is to be done. Remove excess mud, rust, scale, old repair work etc.



3 STEP



Put on latex gloves.

4 STEP



Remove bandage from packaging and submerge completely under water. Gently massage bandage underwater for maximum **10 seconds**.



5 STEP



Immediately remove bandage from water and wrap firmly around pipe. Cover at least 100 mm either side of damaged area. Use all the bandage. Refer to chart for number of wraps need for desired pressure rating.

6 STEP



To remove excess bubbles firmly massage the wrap in a circular motion in the direction of the wrap.

7 STEP



It is normal to see small bubbles forming in the wrap and for the wrap to feel warm to the touch. This is the chemical reaction of the resin with the water, needed to cure the bandage. The bandage will feel hard to the touch in approx. 5 min. Allow 20 to 30 min for complete curing before restarting material flow in pipe.

NUMBER OF ROLLS REQUIRED TO ACHIEVE PRESSURE RATINGS:

Pipe Diameter NB	1,5 m x 50 mm Wide	Pipe Diameter NB	3,6 m x 100 mm Wide	4,8 m x 100 mm Wide	6,1 m x 100 mm Wide	Pipe Diameter NB	15,2 m x 100 mm Wide
15 mm	1 @5bar 1 @10bar 1 @25bar	65 mm	1 @5bar 1 @10bar 2 @25bar	1 @5bar 1 @10bar 1 @25bar		300 mm	1 @5bar 1 @10bar 2 @25bar
20 mm	1 @5bar 1 @10bar 1 @25bar	80 mm	1 @5bar 1 @10bar 2 @25bar	1 @5bar 1 @10bar 2 @25bar		350 mm	1 @5bar 1 @10bar 2 @25bar
25 mm	1 @5bar 1 @10bar 1 @25bar	100 mm	1 @5bar 2 @10bar 2 @25bar	1 @5bar 1 @10bar 2 @25bar	1 @5bar 1 @10bar 1 @25bar	400 mm	1 @5bar 2 @10bar 2 @25bar
30 mm	1 @5bar 1 @10bar 2 @25bar	125 mm	1 @5bar 2 @10bar 3 @25bar	1 @5bar 2 @10bar 2 @25bar	1 @5bar 1 @10bar 2 @25bar	450 mm	1 @5bar 2 @10bar 2 @25bar
40 mm	1 @5bar 2 @10bar 2 @25bar	150 mm	2 @5bar 3 @10bar 3 @25bar	1 @5bar 2 @10bar 3 @25bar	1 @5bar 2 @10bar 2 @25bar	500 mm	1 @5bar 2 @10bar 2 @25bar
50 mm	2 @5bar 3 @10bar 3 @25bar	180 mm		1 @5bar 2 @10bar 3 @25bar	1 @5bar 2 @10bar 2 @25bar	550 mm	2 @5bar 2 @10bar 2 @25bar
		200 mm			1 @5bar 2 @10bar 2 @25bar	600 mm	2 @5bar 2 @10bar 2 @25bar
		225 mm			2 @5bar 2 @10bar 2 @25bar	650 mm	2 @5bar 3 @10bar 3 @25bar
		250 mm			2 @5bar 2 @10bar 2 @25bar	700 mm	2 @5bar 3 @10bar 3 @25bar
						800 mm	2 @5bar 3 @10bar 4 @25bar
						1000 mm	2 @5bar 3 @10bar 4 @25bar

CONTACT DETAILS

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🌐 www.resq-pipe-repair.co.za



RES-Q PIPE REPAIR BANDAGE SPECIFICATIONS

Curing Time	30 minutes @32°C
Shore Hardness	80-85
Tensile Strength	240 Mpa
Application Pressure	Up to 25 Bar (Refer to number of rolls required chart)
Bandage working time	Approx. 2 minutes
Heat Resistance	-40°C to 180°C

RES-Q PIPE REPAIR BANDAGE CHEMICAL CHART

Chemical	No Change	Discoloration	Slight Blistering	Not Compatible	Softening
Acetic Acid 10%			X		
Acetone					X
Caustic Soda 50%	X				
Cresol				X	
Diesel Fuel	X				
Ethyl Alcohol	X				
Formic Acid 10%	X				
Gasoline	X				
Hydrochloric Acid 30%		X			
Lactic Acid 30%			X		
Methylene Chloride				X	
Nitric Acid 10%	X				
Sulphuric Acid 10%		X			
Sulphuric Acid 30%	X				
Toluene	X				