

# LEAK REPAIR - LEVEL 3 (PRESSURIZED WITH STEAM OR CHEMICALS)

Seal  
xpert

Wrap Seal™ STEAM KIT - Repair Kit for pipes with steam and condensate  
Wrap Seal™ CHEMICAL KIT - Repair Kit for pipes with chemical products

No shutdown required

Repairs leak in 30 minutes

Withstand pressure up to 400 psi (28 kg/cm<sup>2</sup>)

Applicable to pipes up to 4" (100 mm) diameter. Made to order for bigger diameters

Withstand temperature up to 280°C (500°F)

Repairs under active leak up to 150 psi



Stop leakage



Apply putty



Wrap reinforcement tape

## KIT:

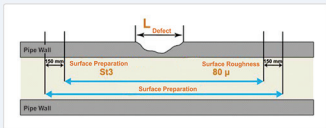
- 1 roll of Wrap Seal™ Fiberglass Tape 4" x 12' (100mm x 3,6m)
- 2 stainless steel clips
- 1 kit of PS108 putty for steam or  
1 kit of PS102 putty for chemicals
- 1 sheet of stainless steel 5cm x 15 cm thickness 0.5mm
- Expanded PTFE 5cm x 15cm
- 1 pair of latex gloves
- Operating instruction



## APPLICATION PROCEDURE:

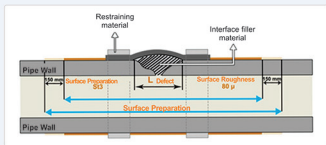
### 1 Surface preparation

Clean the surface mechanically. (Desirable St3 and roughness 60 to 80 microns)



### 2 Arrest the leak

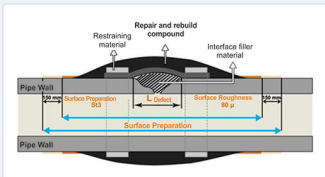
Stick the expanded PTFE to the stainless steel sheet and tighten the stainless steel pipe clips to arrest the leak.



## APPLICATION PROCEDURE:

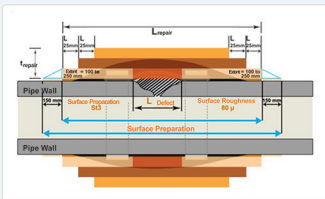
### 3 Apply the putty

Mix the two components of the putty (PS108 for Steam and condensate, or PS102 for chemicals). Apply on the repair area covering it completely.



### 4 The reinforcement

Apply the reinforcement wrap material (Wrap Seal Plus Fiberglass repair tape) with thickness based on the calculation from ISO 24817 and ASME PCC2.



Immerse Wrap Seal™ Fiberglass Tape into water



Wrap the Wrap Seal™ Fiberglass tape above the repair tape as tightly and evenly as possible, using the entire roll



Discard the plastic tube at the end of the roll



Wet gloves in water and quickly compress the bubbling resins back into the fiberglass wrap until all bubbling has stopped.



Repair completed with smooth and hard ivory appearance.

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