

## WATER PIPE REPAIR

LLFA<sup>®</sup> Tape can be applied “wet” – however, fusion may be hindered if “stretching” does not push the water, or particles in the water, out from between the fusing layers. LLFA<sup>®</sup> is suitable for use on pipes of any material as it seals by compression.

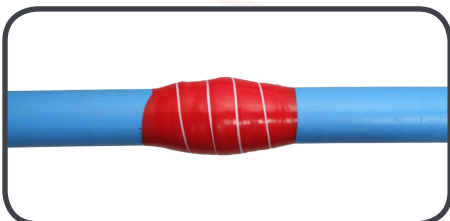
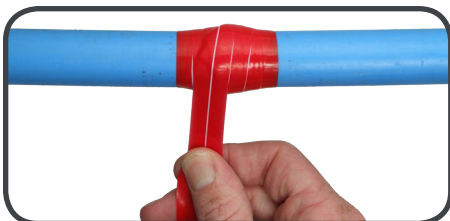
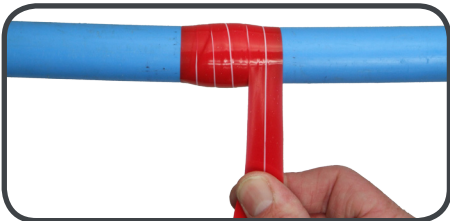
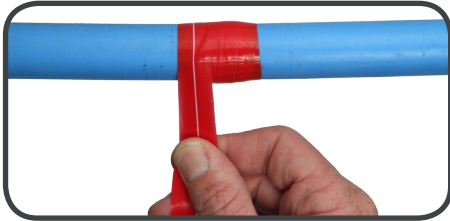
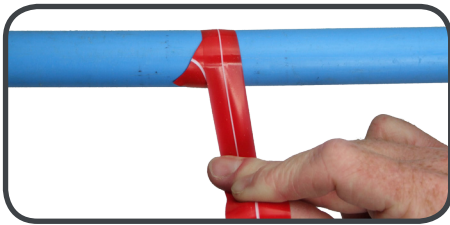
### PREPARATION

1. Ensure that the tape is “clean” before applying. (Dirt between the layers will hinder fusion.)
2. Length of tape required: For holes in pipes (pipe less than Ø50mm), 3 pieces (each 300mm long), should be adequate. Longitudinal splits will require more tape.
3. Remove sharp edges from the surface that could cut into the tape under tension.
4. Amount of tension required: To illustrate, try stretching a short piece of LLFA<sup>®</sup> Tape until it snaps. The tension required to seal a leaking pipe is the amount of tension applied just before snapping the tape (maximum stretch).

### PROCEDURE

1. Apply maximum tension on every layer. Overlap the previous layer by 50%, using the white line as a guide.
2. Start wrapping directly over the area to be sealed (or just off to one side if the water is flowing). Wrap once around.
3. Using the white line as a guide, wrap away from the centre, and continue past the end of the previous layer by half a lap.
4. Wrap back over the centre, continuing past the end of the previous layer on the other side by half a lap.
5. Repeat steps 3 and 4, increasing the width of the overall wrap on each successive layer. Continue until 25mm has been covered either side of the leak area (total width > 50mm).
6. Wrap a final layer with minimum tension. This layer increases the abrasion resistance of the repair.

If wrapping a leak in full flow, the first 300mm piece should stop the flow, the second piece of tape will allow for an increase in pressure, and the third piece, applied without tension, provides mechanical protection against abrasion.



VIDEO CLIP

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