Application Instructions: **ARC Glass Kit**

Emergency Pipeline Leak Repair Kit

Chesterton's ARC GLASS KIT is a system that allows you to eliminate pipe leaks in 30 minutes or less. It is applicable to any metallic or plastic pipe, in industries such as Mining, Steel, Oil and Gas, Petrochemicals, Power Generation, Maritime, Paper, etc.



Surface Preparation

In case of leak close the nearest stop valve so that there is no more fluid in the area to be repaired. If you have a live leak, turn the flow down at the leak and reduce the pressure as much as possible to make application easier.

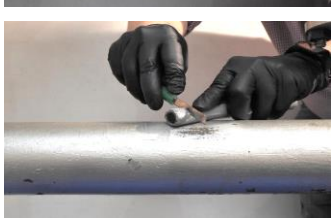


Use the abrasive strip supplied, or similar abrasive pads, to remove rust and/or any loose coating around the leak until a clean and rough surface is obtained. If available use of power tools to abrade work area is preferred.

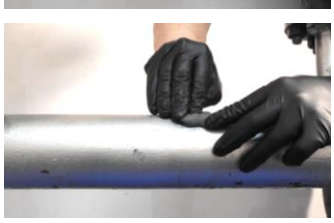


After roughening wipe surface with alcohol swab or acetone to remove abrasive debris

Application



Cut enough ARC 5ES enough to completely cover the leak in a single application, extending in all directions around the leak by at least 2.5cm (1") to cover the prepared area, leaving approximately 1/4” (6mm) thickness.



Once the ARC 5ES has been applied, apply constant pressure to the leak area for 3 to 5 minutes to seal the leak.



Take the fiberglass roll out of its packaging and immerse it in water for 20 seconds to activate the resin.



Remove the roll from the water and begin winding the tape from one end of the prepared area, generating constant pressure overlapping 50% of the roll width each turn.



Begin and finish rolling 2” to 4” (50 mm to 100 mm) from the applied area with the ARC 5ES plug.

Once repair is finished, moisten your hands with water and rub over the reinforcement made with the tape in order to smooth the folds and eliminate possible bubbles.

Su reparación estará lista y fuerte para volver a Servicio en aproximadamente 30 minutos.

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