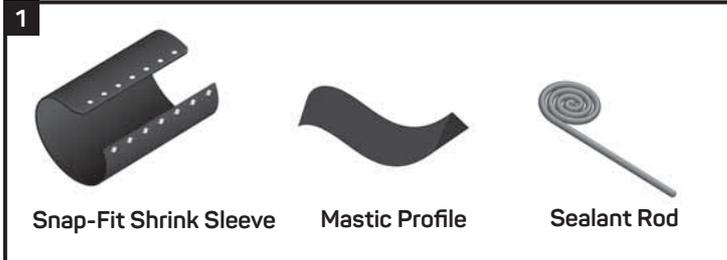


LRKN

Snap-Fit Leak Repair Kit for gas main leak repair

Required Kit Components



Leak Repair Kits contain a mastic profile and a snap-fit shrink sleeve (A sealant rod can be supplied if necessary). It is a high shrink sleeve which fits on tyton joints for gas mains with maximum pressure of 100 mbar (1.45 psi). To ensure maximum performance, store Canusa products in a dry ventilated area. Keep products sealed in original cartons and avoid exposure to direct sunlight, rain, snow, dust or other adverse environmental elements. Avoid prolonged storage at temperatures above 35°C (95°F) or below 20°C (65°F). Product installation should be done in accordance with local health and safety regulations.

Equipment List



Propane tank, hose, torch & regulator. Appropriate tools for surface abrasion. Knife, roller, rags & approved solvent cleanser. Temperature measuring device. Hammer, flat-head screwdriver. Standard safety equipment; gloves, goggles, hard hat, etc.

Surface Preparation



Remove all dirt and rust by grit or shot blasting, needle gunning and wire brushing, or other approved technique.

Leak Detection



Check for leaks using soapy solution. Knock the lead in using a caulking tool to stop the leak. If necessary, use a non-melting caulking compound (e.g. Polychrestic Putty) to stop the leak. The joint must be dried before using any caulking compound.

Sealant Rod Installation



If a temporary seal is required, wrap the sealant rod around the pipe and press well into the bell face to fully cover the cavity.

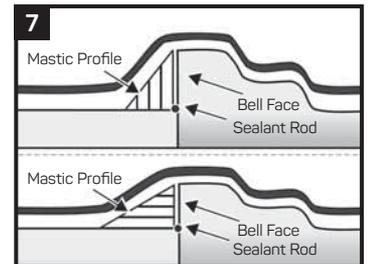
Note: See the Product Selection Guide Table on reverse side for necessary length of sealant rod.

Pre-Heat



Pre-heat the joint to 50°C (120°F) using an appropriate heating device. (warm to the touch)

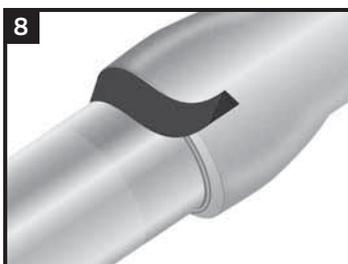
Mastic Profile Installation



Use either the short or tall side of the profile against the bell face, depending on the face height, to fully cover the face.

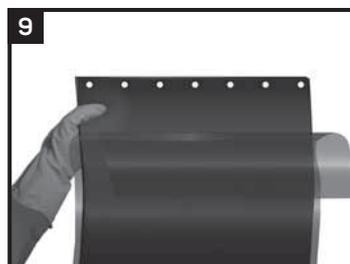
Note: The use of more than one mastic profile may be necessary (See Product Selection Guide Table on reverse side).

Sleeve Preparation



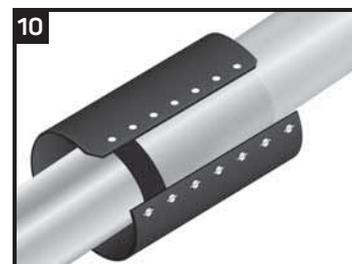
Wrap the mastic profile around the pipe in front of the bell face, pressing it into the joint, and finish the wrap by making a lap joint of the overlapping strip ends. Press and work the mastic profile well to cause it to bond to the bell face and the pipe surface.

Sleeve Installation



Partially remove the release liner from the clips end of the sleeve. Gently heat the adhesive side of the underlap.

Sleeve Installation

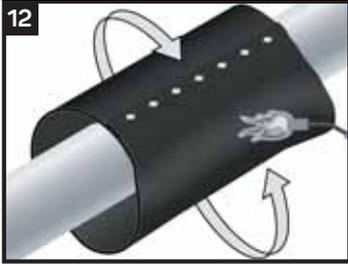


Centre the two middle clips on either side of the bell face and wrap the sleeve around the joint to match the insert holes over the clips.

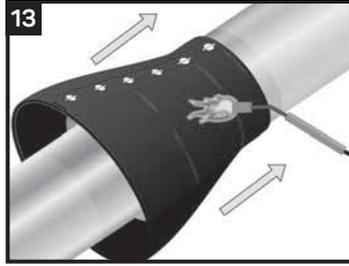


Insert the clips through the holes, push down the closure area to conform to the joint profile. Insert the flat-head screwdriver into the clips and then flatten the clips with gentle blows from a hammer (use needle-nose pliers if clips become bent or irregularly shaped).

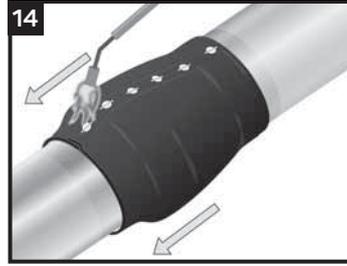
Sleeve Installation Cont'd



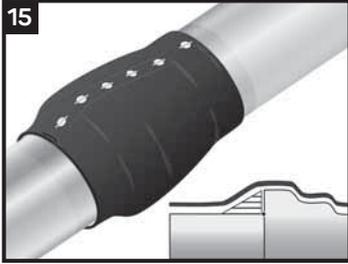
Using broad strokes, heat the sleeve circumferentially around the pipe starting with the end of the bell pipe. Do not touch or damage the sleeve while it is hot.



Continue heating from the centre towards the end of the bell pipe until sleeve recovery is complete.

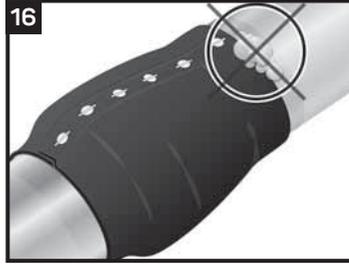


In a similar manner, heat and shrink the sleeve around the spigot pipe until sleeve recovery is complete.



Push down the closure gently to conform to joint profile.

Inspection



After the sleeve has cooled sufficiently to touch (around 35°C, 95°F) use soapy water to check for leaks.

Backfilling Guidelines

After shrinking is complete, allow the sleeve to cool to below the intended operating temperature of the pipeline before backfilling. To prevent damage to the sleeve, use selected backfill material, (no sharp stones or large particles) otherwise an extruded polyethylene mesh or other suitable shield should be used.

Storage & Safety Guidelines

To ensure maximum performance, store Canusa products in a dry, ventilated area. Keep products sealed in original cartons and avoid exposure to direct sunlight, rain, snow, dust or other adverse environmental elements. Avoid prolonged storage at temperatures above 35°C (95°F) or below -20°C (-4°F). Product installation should be done in accordance with local health and safety regulations.

These installation instructions are intended as a guide for standard products. Consult your Canusa representative for specific projects or unique applications.

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Quality Management system registered to ISO 9001

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