

WC-20R Casing Shrink Film

Product Description



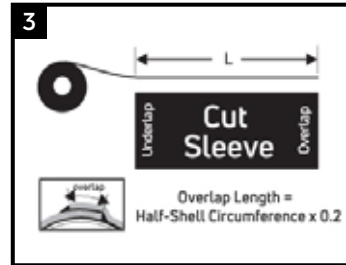
WC-20R is typically shipped in bulk rolls with the adhesive on the outside. The adhesive is protected from contamination by a release liner.

Equipment List



Propane tank, hose, torch & regulator; Wire brush or other abrasion tool; Knife, roller, rags & alcohol, min. 93% cleanser; Temperature measuring device; Standard safety equipment; gloves, goggles, hard hat, etc.

Preparation Guidelines

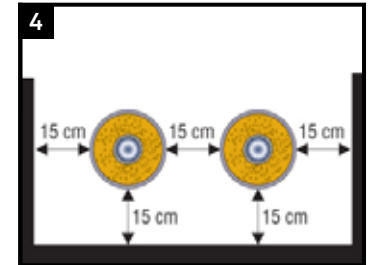


As a guideline, cut the required lengths of sleeve material (L) as follows:

$$L = \text{Half-Shell Circumference} + \text{Overlap}$$

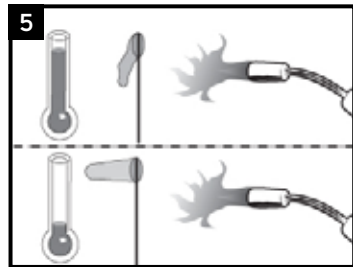
Ensure that the sleeve is not damaged or contaminated.

Backfilling Trench



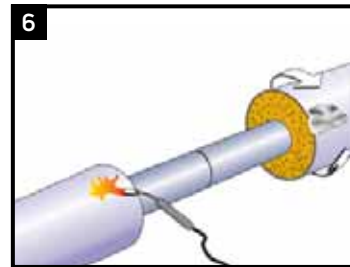
Ensure there is adequate work space area around the pipe in the backfilling trench.

Flame Intensity



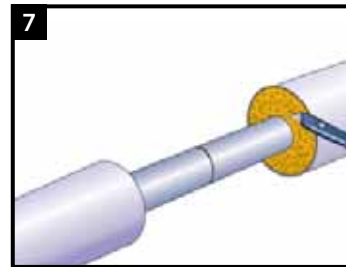
Always use a low-yellow flame. Aim the torch perpendicular to the sleeve and move in a circumferential direction.

Cleaning & Drying

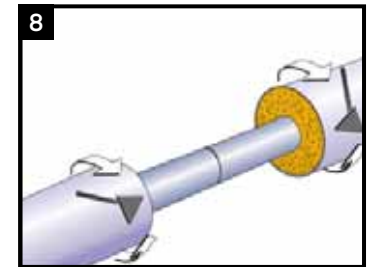


Use a propane torch with a low flame to dry the jacket pipe and service pipe. Use a dry, grease and lint-free rag to wipe clean the jacket pipe and service pipe.

Pipe Preparation

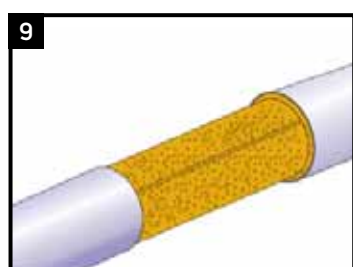


Remove any wet PUR foam from the end of the preinsulated pipe.



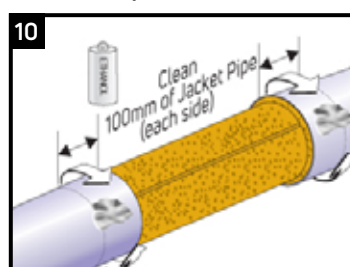
Using a triangular scraper, remove any burrs from the edges of the jacket pipe, Using sandpaper, use min. Grade 60 for pipe sizes 90-280 mm and Grade 40 for pipe sizes 315 mm and above.

Half-Shell Installation



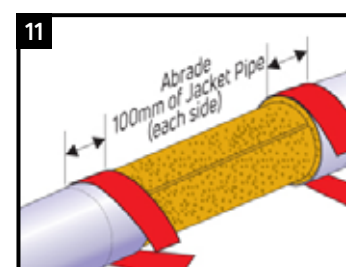
Install the foam half-shells as per the manufacturing instructions.

Surface Preparation



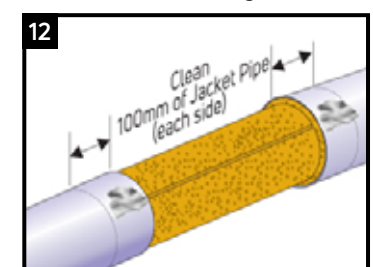
Clean 100mm (4") of the jacket pipe surface, on each side of the cutback, with a solvent.

Surface Abrasion



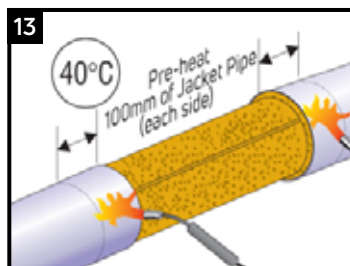
Roughen 100mm (4") of the jacket pipe surface, on each side of the cutback, with a wire brush or sandpaper.

Final Surface Cleaning



Using a dry, grease and lint-free rag, clean the roughened surface to remove any polyethylene or sand particles.

Pre-Heat



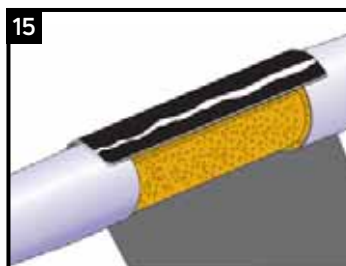
Using a propane torch and a low-yellow flame, warm 100mm (4") of the jacket pipe surface, on each side of the cut-back to 40°C. Do not heat the foam half-shells.

WC-20R Installation

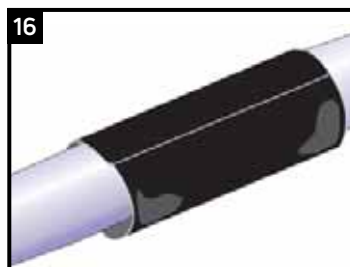


Partially remove the release liner and gently heat the underlap approximately 150 mm (6") from the edge.

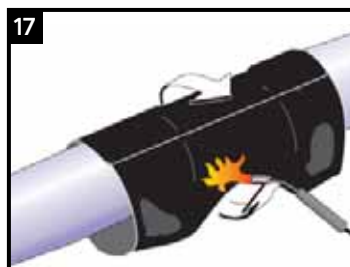
Sleeve Installation



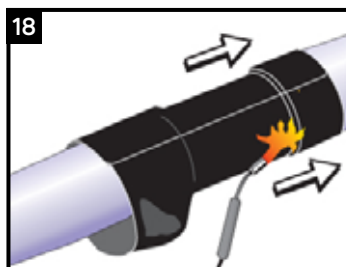
Place the shrink film so that the sleeve printing will wrap around the pipe joint. Centre the sleeve over the joint so that the sleeve overlaps between the 10 and 12 o'clock positions. Remove the remaining release liner.



Wrap the sleeve around the pipe, ensuring the overlap is sufficient.

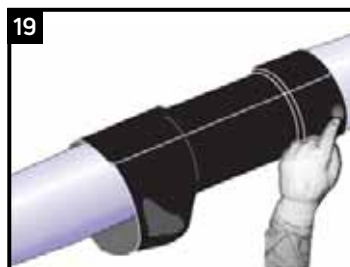


With a low-yellow flame and using circumferential strokes around the pipe, begin heating at the centre of the sleeve. Avoid excessive heat to the overlap area.

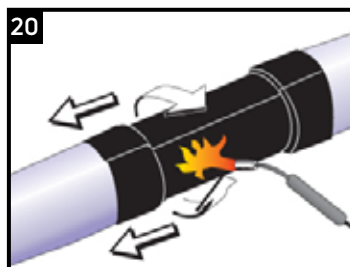


Continue heating from the centre toward one end of the sleeve until recovery is complete. Avoid excessive heat to the overlap area.

Quality Check (Finger Test)

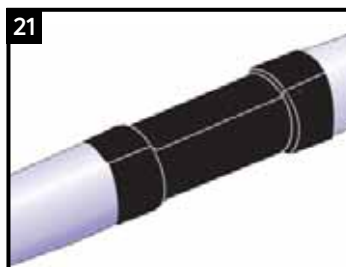


With a gloved finger, press down on the shrunk area to ensure the backing and adhesive are soft. If there are cool spots, the sleeve should be reworked with additional heat.



In a similar manner, heat and shrink the remaining side of the sleeve (repeat steps 19 - 20).

Inspection



Visually inspect the installed sleeve for the following:

- Sleeve is in full contact with the foamed joint and jacket pipe.
- Adhesive flows beyond both sleeve edges.
- No cracks or holes in sleeve backing.

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 storage at temperatures above 80°C (110°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

Canusa warrants that the product conforms to its chemical and physical description and is appropriate for the use stated on the installation guide when used in compliance with Canusa's written instructions. Since many installation factors are beyond our control, the user shall determine the suitability of the products for the intended use and assume all risks and liabilities in connection therewith. Canusa's liability is stated in the standard terms and conditions of sale. Canusa makes no other warranty either expressed or implied. All information contained in this installation guide is to be used as a guide and is subject to change without notice. This installation guide supersedes all previous installation guides on this product. E&OE

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