

K-60 HS200 (WrapidSleeve®)

High shrink, one-piece, protective sleeve with pre-attached closure for flange joints

Product Description



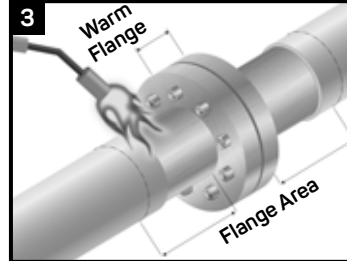
The Canusa K-60 HS200 (WrapidSleeve®) is configured with a preattached closure. The adhesive is protected from contamination by an inner liner. The Canusa K-60 HS200 (WrapidSleeve®) is used with flange joint applications.

Equipment List



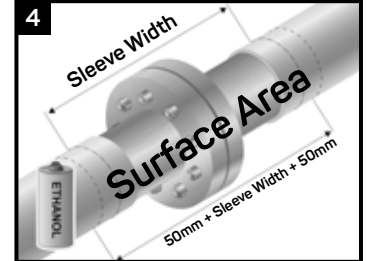
Propane tank & torch, Regulator & Hose; Appropriate tools for surface abrasion; Knife, roller, rags & solvent cleanser; Temperature measuring device; Standard safety equipment; gloves, goggles, hard hat, etc.

Pre-Warm



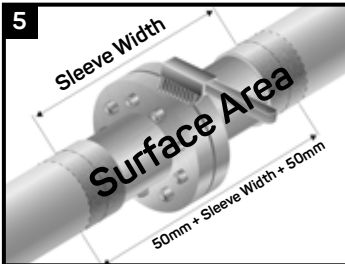
Using the torch and a medium flame, pre-warm and dry the entire sleeve width + 25mm (1") on each side. Take precaution not to damage the rubber flange seal.

Solvent Cleaning



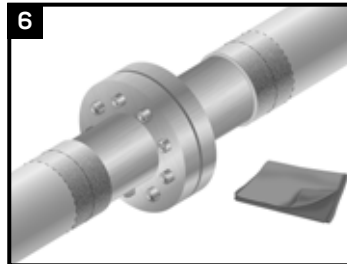
Clean exposed steel and adjacent pipe coating with a solvent cleanser to remove the presence of oil, grease and other contaminants.

Surface Abrasion



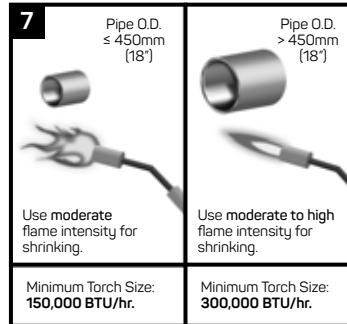
Prepare the joint area and adjacent pipe coating to a distance of 50mm (2") beyond each edge of sleeve width by abrading the surface with a wire brush.

Surface Preparation

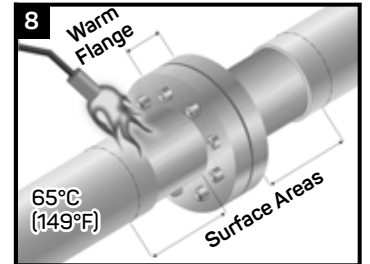


Wipe clean or air blast the joint area and pipe coating to remove foreign contaminants.

Flame Intensity & Torch Size



Pre-Heat

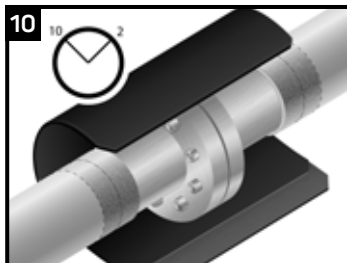


Pre-heat the pipe surface areas to a minimum temperature of 65°C (149°F). Using a temperature measuring device, ensure that the correct temperature is reached on the steel and at least 50mm (2") on each side of the sleeve. Take pre-cautions to not damage the rubber flange seal.

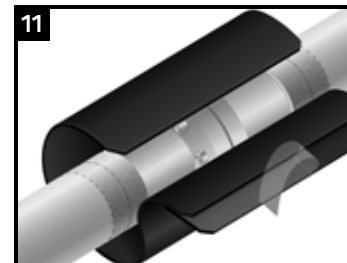
Sleeve Installation



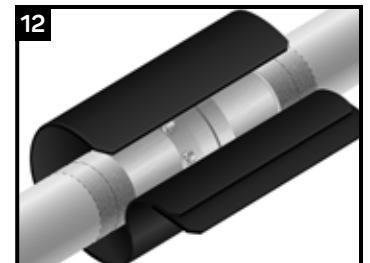
Partially remove the release liner and gently heat the underlap approximately 150mm (6") from the edge.



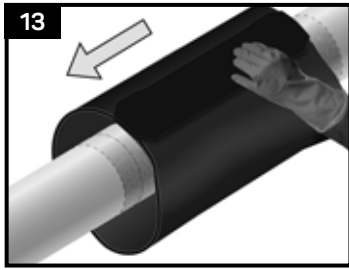
Centre the sleeve over the joint so that the sleeve overlaps between the 10 and 2 o'clock positions. Press the underlap firmly into place and remove the remaining release liner.



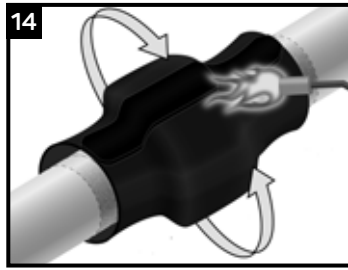
Wrap the sleeve around the flange, ensuring 15mm gap at flange bottom. Remove the release liner from the adhesive coated closure.



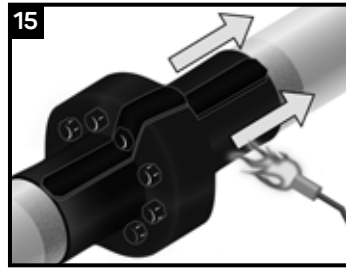
Do not heat the overlap or the adhesive coated closure. The closure is designed to hold the sleeve in place without pre-heating. Finish wrapping by firmly pressing the overlap and closure into place.



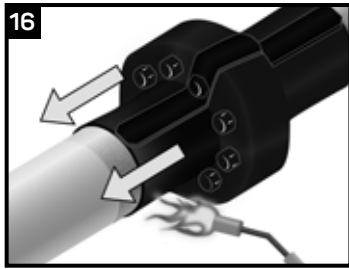
Use a gloved hand to press the entire closure surface down firmly. Ensure contact of the closure with the underlying sleeve, over the entire sleeve width.



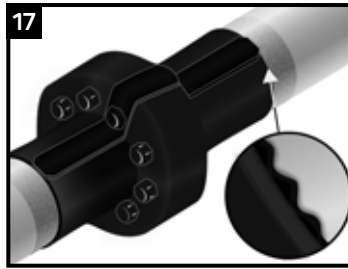
Using broad strokes, begin shrinking the sleeve around the entire circumference of the flange. Press the edges of the closure down with a gloved hand to fuse the closure to the underlying sleeve backing. Continue heating from the centre of the sleeve until sleeve recovery is completed around the flange.



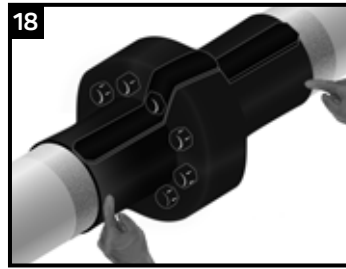
If the closure lifts while shrinking, secure it with a gloved hand. Continue heating from the centre toward one end of the sleeve until recovery is complete. With a gloved hand, continue to secure the edges of the closure.



In a similar manner, heat and shrink the remaining side. Use a gloved hand to smooth any closure wrinkles.



Use a gloved hand to press down the closure area adjacent to the flange, assisting the sleeve recovery. Shrinking has been completed when the adhesive begins to ooze at the sleeve edges all around the circumference.



Lightly heat the entire sleeve and use a gloved hand to make sure the sleeve conforms to the shape of the flange and the main pipe. After the sleeve is fully recovered, use a roller to maximize the closure contact to the sleeve. Use a gloved hand to test the sleeve for adequate adhesive "wetting-out".

Inspection



Visually inspect the installed sleeve for the following:

- Sleeve is in full contact with the steel joint
- No lifts between sleeve and closure
- Adhesive flows beyond both sleeve edges
- No cracks or holes in sleeve backing

Backfilling Guidelines

After shrinking is complete, allow the sleeve to cool for 2 hours prior to lowering and 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

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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