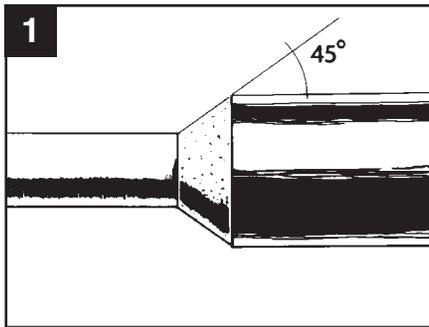




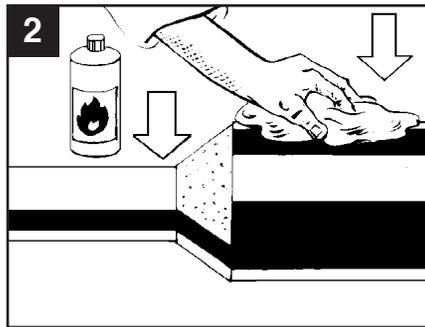
Material and equipment

- Appropriate size conical CCS-DHEC end cap
- Propane gas bottle, regulator and gauge, hose and torch BN40 (or equivalent)
- Abrasive tape (grain 60-80) + steel brush
- PE cleaner + dry cleaning rags
- Sharp knife or saw + woodrasp
- Gloves and safety goggles
- Standard safety equipment as prescribed by local regulations
- In case of rain use a tent or umbrella
- District Heating temperature stick

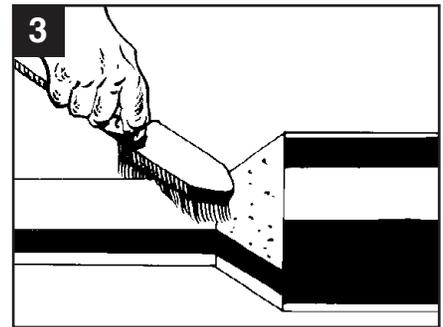


Preparation

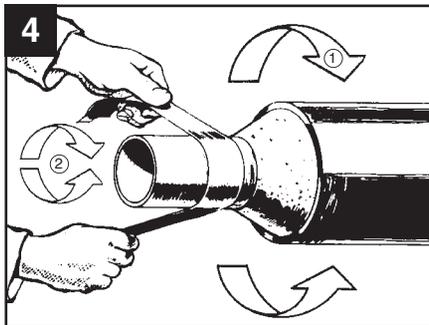
Give the pipe a conical shape by cutting the foam at an angle of 45° from the service pipe to the casing pipe.



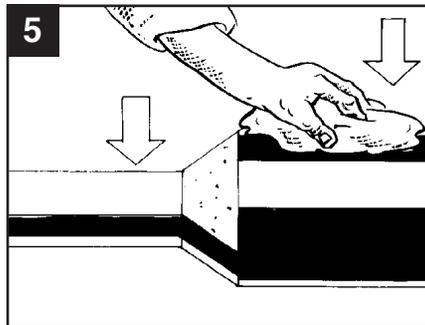
The casing pipe and the service pipe must be dry and free of foreign materials such as oils, greases, foam, etc. Use PE-cleaner.



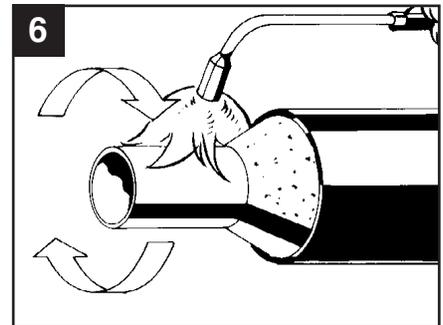
Remove all loose particles from casing pipe and service pipe. Deep scars in the casing pipe must be removed or scraped flat.



Firstly, abrade the casing pipe. Then abrade the service pipe to remove the contamination.

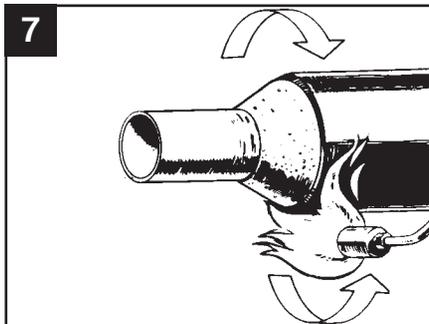


Remove all loose particles from abrading on casing pipe and service pipe with a dry and clean rag.

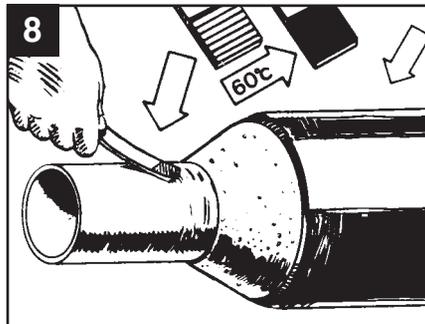


Pre-heating

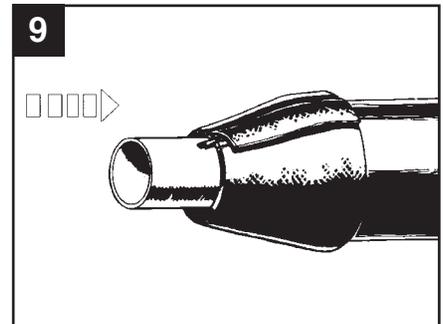
Preheat the service pipe first to 60°C minimum. Avoid direct contact between flame and foam.



Preheat the casing pipe to 60°C minimum. Avoid direct contact between flame and foam.

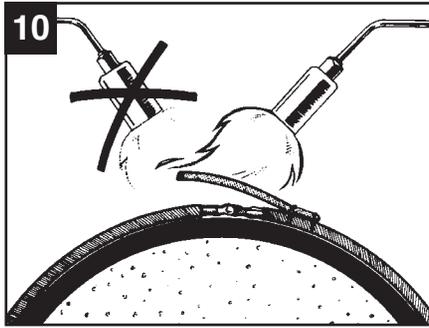


Check the temperature of casing pipe and service pipe with the temperature indicator. If you see an immediate color change, then the correct temperature has been reached.



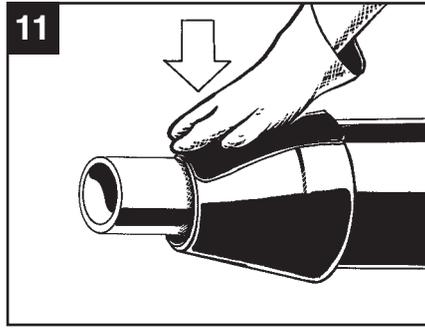
Positioning

Position the end cap over the pipe end. Close the zipper. Press the end cap onto the casing pipe as tightly as possible.

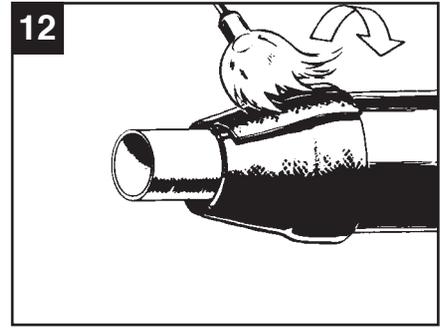


Installation

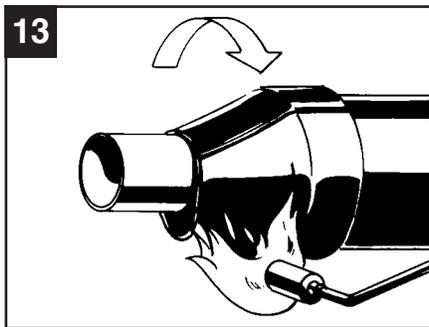
Start heating the top of the protective patch. Avoid direct flame contact with the zipper.



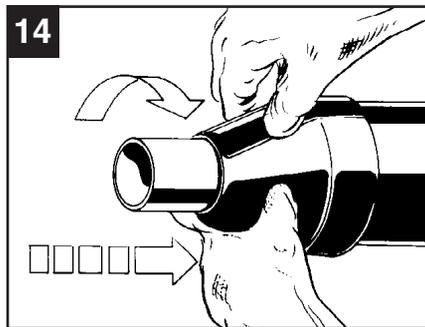
Push down the protective patch with a gloved hand.



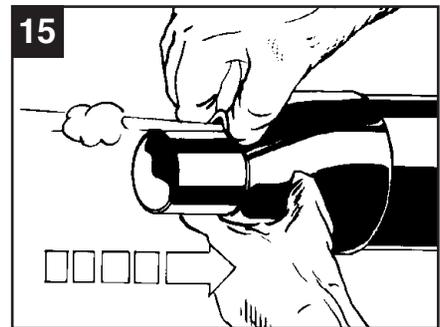
Start heating the end cap over the casing pipe first. Move the flame in a circular motion around the pipe, until the end cap has fully recovered onto the casing pipe. Allow it to cool a little before shrinking the end cap over the step-down and the service pipe. If a second end cap has to be installed on the other pipe side of the welded joint, shrink it down first on the casing pipe before proceeding with the next step.



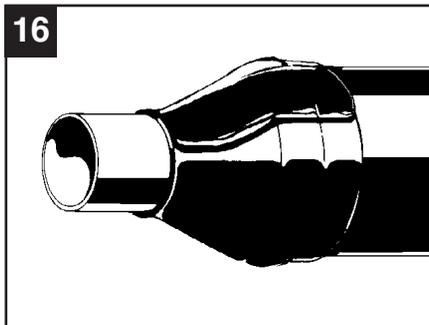
Shrink the end cap over the step-down and onto the service pipe, keeping the flame moving around the pipe.



Push the closure area in place with gloved hand or blunt tool. Stop heating when the appearance of the part has become totally smooth.



If necessary, squeeze the end cap together on the service pipe to relieve air entrapments. You can determine whether the adhesive has melted properly by carefully slipping the hot end cap along the service pipe. The small wrinkles which form, should pull themselves flat again.



Inspection

There should be no air entrapments, burn-holes or upstanding edges. When the product has cooled down completely, cut off the protruding parts of the zipper at both edges. Be careful not to damage the pipe while doing this.

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



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