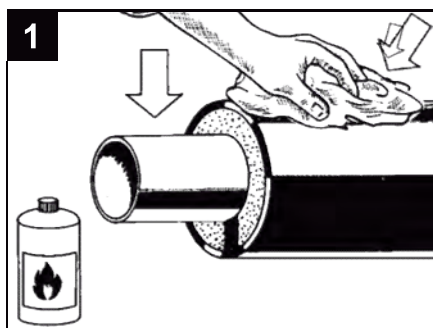


INSTALLATION INSTRUCTION MANUAL

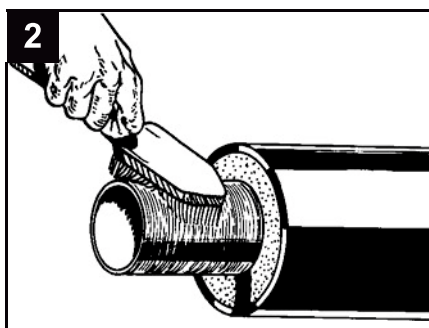
HEAT SHRINK PRE-INSULATED PIPE SEALING CAP

- Select appropriate size Pre-insulated Pipe sealing end cap
- Propane gas bottle, regulator and gauge, hose and torch
- Abrasive tape & cleaning components.
- Cleaning tissue
- Gloves
- Standard safety equipment as prescribed by local regulations
- District Heating temperature stick

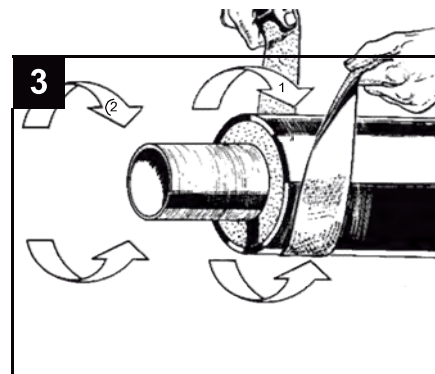


Preparation

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

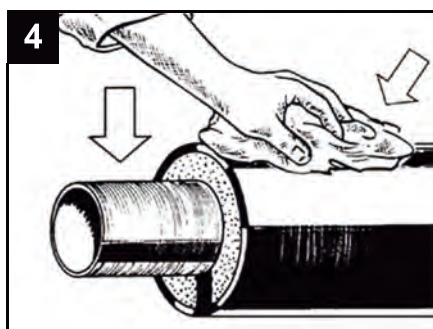


Remove all loose particles from casing pipe and service pipe. Deep scars in the casing pipe must be removed or scraped flat.

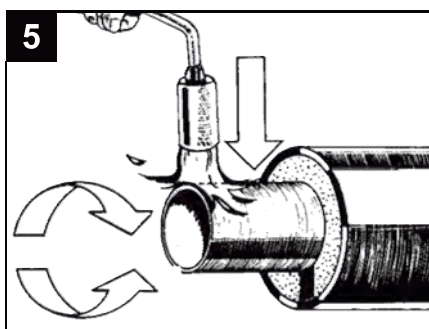


Firstly abrade the casing pipe using a fresh abrasive tape. Then abrade the service pipe to remove the contamination.

Note: If welding is done before installation, position the end caps away from the weld area. If necessary, protect the end cap against direct contact with the welding or brazing flame.

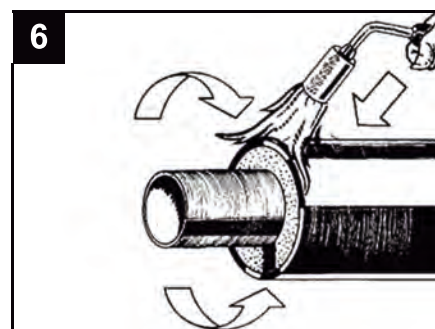


Remove all loose particles from abrading on casing pipe and service pipe with a dry and clean cloth..



Pre-heating

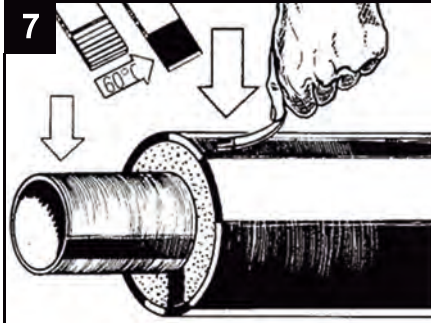
Preheat the service pipe first to 60°C minimum. Avoid direct contact between flame and foam.



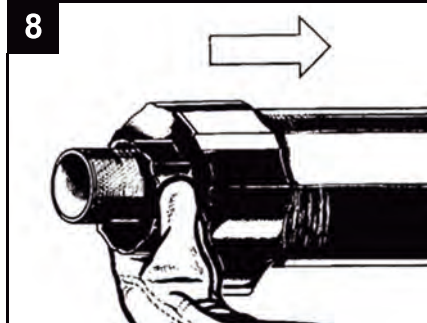
Preheat the casing pipe to 60°C minimum.

INSTALLATION INSTRUCTION MANUAL

HEAT SHRINK PRE-INSULATED PIPE SEALING CAP



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.

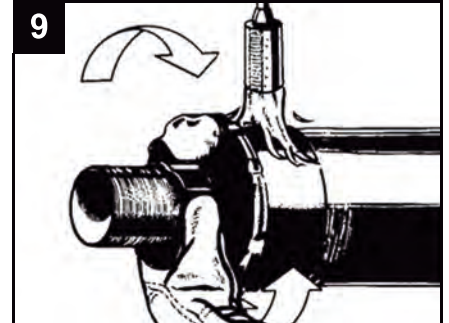


Release Silicon release paper

Prior to position the end cap, remove the silicon release paper from the adhesive strips inside the end cap.

Positioning

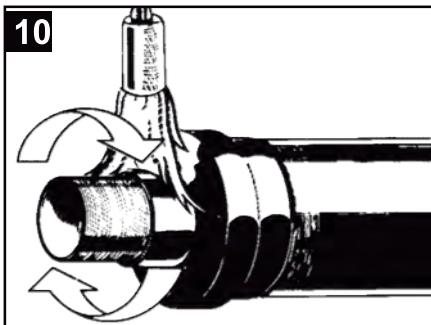
Position the end cap as far as possible over the pipe end.



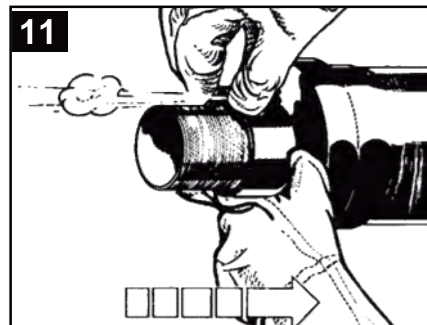
Installation

Start heating the end cap over the casing pipe first. Move the flame in 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.

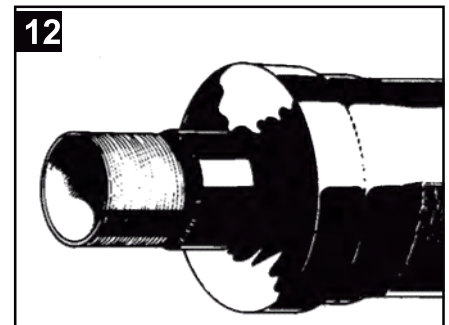
Note: If a second end cap has to be installed on the other pipe side of the welded joint, shrink it down first only on the casing pipe before proceeding with the next step.



Shrink the end cap over the step-down and onto the service pipe, keeping the flame moving around the pipe. Stop heating when the end cap has fully recovered and 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 pushing the hot end cap a short distance along the service pipe. The small wrinkles which form, should pull themselves immediately flat again.



Inspection

The end cap should be fully recovered onto the casing pipe and service pipe without air entrapments. There should be no burn-holes or upstanding edges.