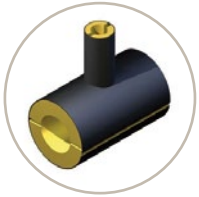
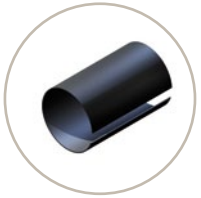
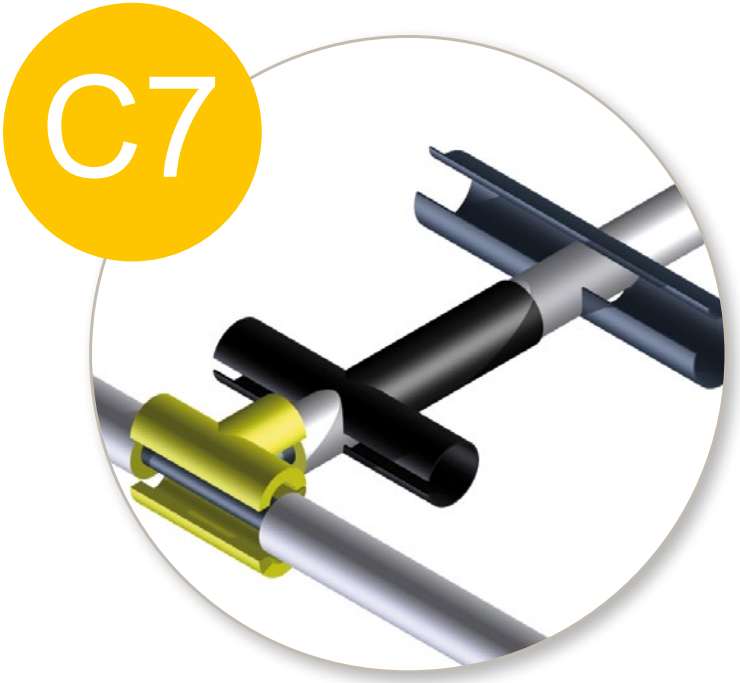
Composition of the C7 kit:



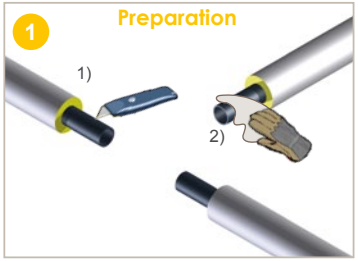
→ 1 T-shaped HDPE rigid muff
→ 4 PU half-shells



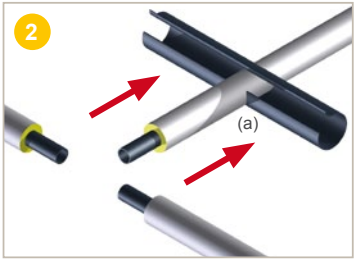
→ 2 heat-shrinkable sleeves



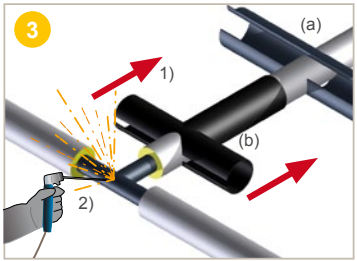
C7 Half-shell kit for straight T-branches



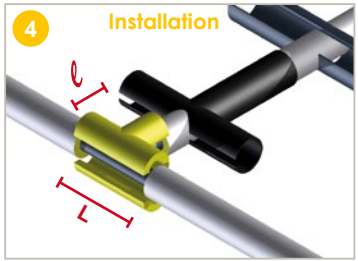
1) **Scrape** the PUR foam off the front (all signs of damp PUR foam must be removed from the 3 ends).
2) **Clean** the 3 ends of the pipes or parts with a cloth to remove any water, mud or sand.



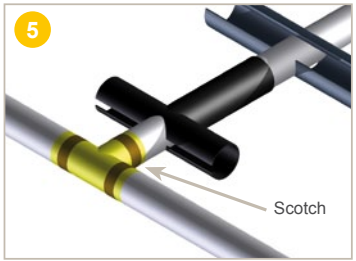
Slide the large heat-shrinkable sleeve (a) onto the branch pipe.



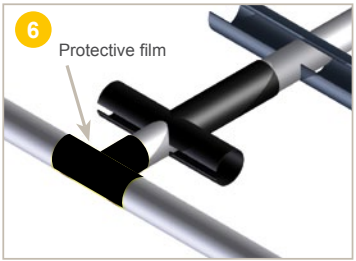
1) **Slide** the T-shaped non-drilled HDPE muff (b) onto the branch pipe.
2) **Align** the pipes and weld the 3 steel pipes together according to professional standards.



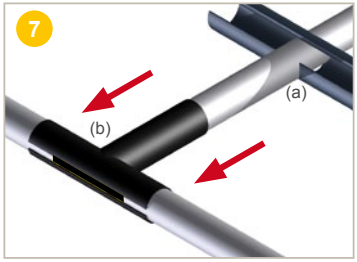
Measure the bare surface to be insulated then cut the half-shells to the required length (L and l).
Position the 2 half-shells, checking that they fill the space to be insulated perfectly.



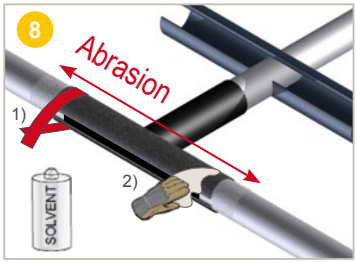
Hold the half-shells in position using sellotape.



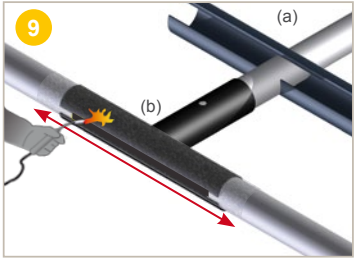
Wrap with the protective film supplied to avoid damaging the half-shells.



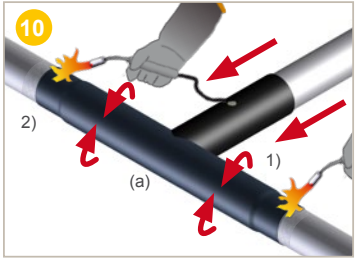
Slide the non-drilled HDPE muff (b) and fit it on the branch pipe.



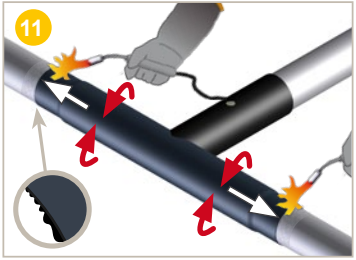
1) **Roughen** the surfaces (muff + casing 50 mm on each side) with abrasive paper (grain 40-60) or a wire brush.
2) **Clean** and **degrease** the roughened surfaces with a cloth dipped in ethanol (min. 94 %).



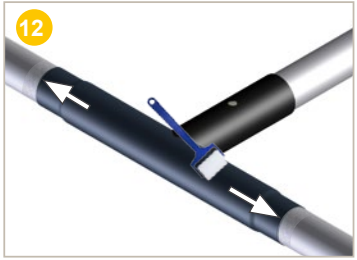
Use a blowtorch to **warm** the surfaces to be covered (50 mm casing + muff width) up to at least 65 °C.
Check the temperature on all surfaces with a thermometer.



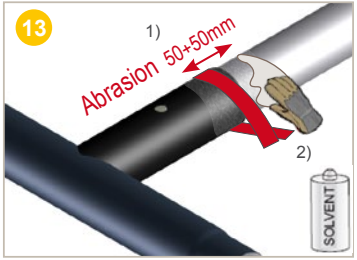
1) **Slide** the large heat-shrinkable sleeve (a) around the HDPE muff (b).
2) **Shrink** the heat-shrinkable sleeve around its circumference using large movements, starting at the centre.



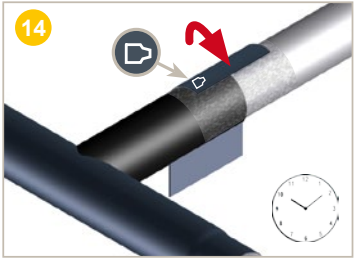
Continue heating starting from the centre and going towards the ends until shrinking is complete. Finish with horizontal movements over the whole surface of the sleeve.
Shrinking is complete when the adhesive projects out of each end of the sleeve.



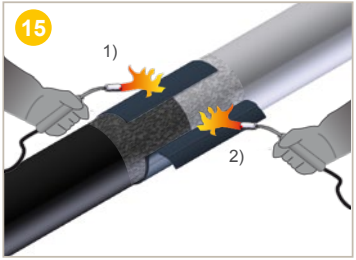
While the sleeve surface is still hot and malleable, use the application roller to **smooth** and **evacuate** the air bubbles.



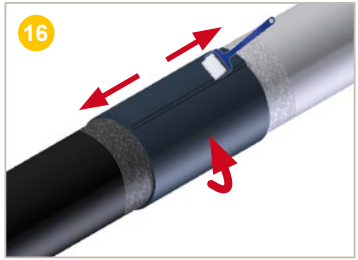
1) **Roughen** the surfaces (muff + casing 50 mm on each side) with abrasive paper (grain 40-60) or a wire brush.
2) **Clean** and **degrease** the roughened surfaces with a cloth dipped in ethanol (min. 94 %).



Fit the heat-shrinkable sleeve so that the overlap lies between the 10 o'clock and 2 o'clock positions.
Remember to remove its protective film.
⚠ **Respect the implementation direction using the indicator: large diameter muff side, small diameter pipe side.**

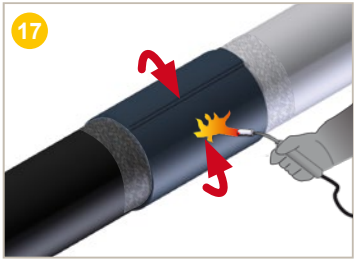


Leave 1 to 2 cm clearance to ensure correct shrinkage.
1) **Warm** the overlapping part of the heat-shrinkable sleeve slightly.
2) Then **warm** the adhesive of the other part of the sleeve called the "**adhesive patch**".

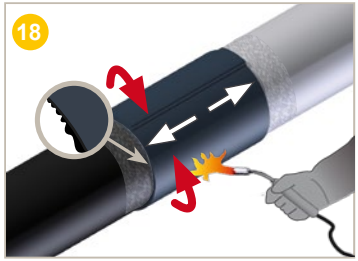


Press both ends of the heat-shrinkable sleeve firmly.
Remove the air bubbles with an application roller on the closure.

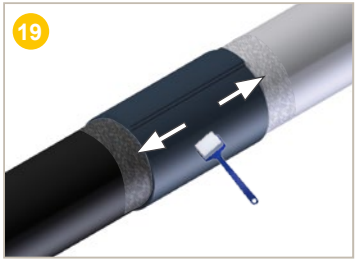
C7 Half-shell kit for straight T-branches



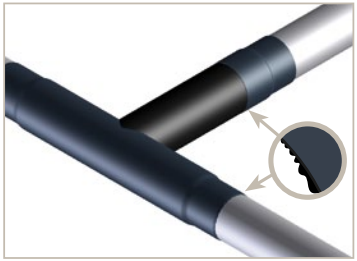
Shrink the heat-shrinkable sleeve around its circumference using large movements, starting at the centre. Use a single blowtorch for diameters <= 450 mm and 2 blowtorches for diameters > 450 mm. If 2 blowtorches are used, use them on opposite sides of the pipe.



Continue **heating** starting from the centre and going towards the ends until shrinking is complete. Finish with horizontal movements over the whole surface of the muff.
Shrinking is complete when the adhesive projects out of each end of the sleeve.



While the sleeve surface is still hot and malleable, use the application roller to smooth and evacuate the air bubbles.
Use the same procedure on the closure.



The system is correctly installed when:
• The sleeves are in contact with the surfaces to be protected and have no openings.
• The adhesive is visible on its ends
• No holes or cracks are visible.