Insulation Coupler/Reducer PO

Insulation kit for insulating connections of Flexalen® 600 pre-insulated pipe systems on site

Design

- Heat shrinkable sliding socket
- Polyolefin Insulation
- Shrinkable sleeves

Required Tools

- Cleaner
- Tissues
- Emery cloth
- Gas burner
- Tent (depending on weather conditions)

Application Instruction

Application conditions and pipe preparation

- Ambient temperature: +5 to +40°C
- No rainy or windy (≥3 bfr / 3.4-5.4 m/s) weather conditions
- Service pipe and casing pipe are free from dirt and condensation

} use a tent to create correct conditions if required

01.
Slide the heat-shrinkable sliding socket and the heat-shrinkable sleeves onto the pipe ends.

02.
Install the rubber end caps on both ends of the pipe. Cut the service pipes to length and make sure that the sliding socket covers the entire joining area including rubber end caps. Mark the position on the casing pipe on both sides.

03.
Secure the fit of the rubber end cap only on the service pipe(s) by mounting cable ties on the caps' notches intended for this purpose. Cut off excess length of the zip ties.

04.
After joining the service pipe,, adjust the length of the insulation suitably.

05.
Fix the insulation with the enclosed zip ties or use sticky tape (not included).

06.
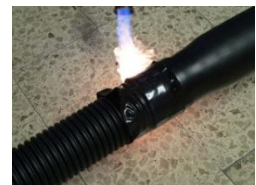Clean the rubber end caps and the free ends of the casing pipe at the transition area.

07.
Unpack shrinkable socket and center it over the socket connection. Shrink the socket at both ends with a soft yellow flame until the socket is shrunk to the rubber end caps and let it cool down.

08.
Clean both ends of the shrinkable socket and the casing pipe at the shrink area with plastic cleaner. Grind both ends of the shrink sleeve (not the corrugated casing pipe) with emery cloth.

09.
Remove the packaging and protective foil from the shrink sleeves and center them exactly over the two transition areas shrink sleeve/casing pipe.

10.
Shrink both sleeves with a soft yellow flame from the center towards the edges. Take special care when shrinking on the corrugated casing pipe to avoid damage due to overheating.