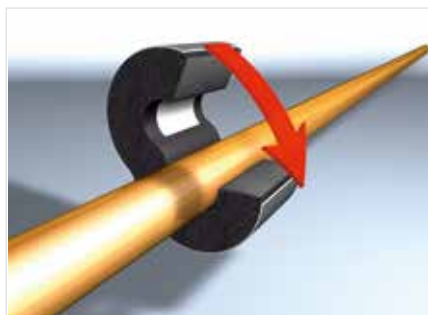


## Installing Armaflex insulated pipe supports

Where Armaflex is installed, the use of Armaflex pipe supports is the preferred solution to prevent ice and condensation on cold installations. However, when Armaflex pipe supports are not selected, it is imperative to follow these instructions:

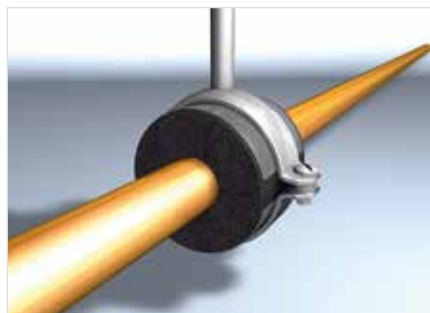
- Ensure that the Armaflex is fitted tight to the support with no air gaps and vapour-sealed with Armaflex adhesive.
- Install Armaflex self-adhesive tape to the butt joint where the Armaflex and the support meet. Ensure the surface of the butt joint is free from dust before installing the Armaflex tape.

Armaflex pipe supports are sections of Armaflex with load bearing PUR/PIR inserts and an aluminium outer shell cladding.



Install Armaflex pipe support to the pipe, remove the white protective paper strip on both side. Close the seam applying firm pressure.

**Note:** Select the correctly dimensioned Armaflex pipe support (min. insulation thickness of tube).



Install the brackets.

**Important:** Use only the PUR/PIR segments to bear the load.

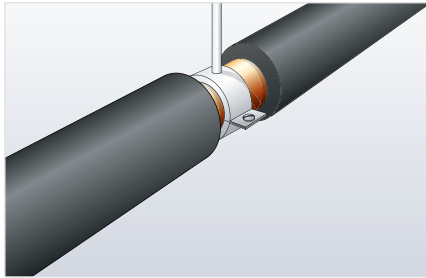
Install the Armaflex insulation on either side of the Armaflex pipe support. Wet seal the butt joints with the Armaflex pipe support using Armaflex adhesive.

**Note:** Ensure that the pipe insulation is installed under slight compression.

## Insulating “over” pipe supports (encapsulating)

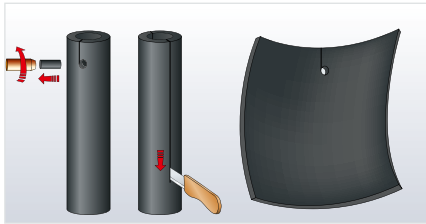
The insulation of standard brackets can be carried out using the following procedure:

**Note:** When installing on cold lines, it is essential to raise concerns about the suitability of such systems before beginning work.



1. Install the Armaflex as close to the fixing bracket as possible. Seal the ends of the tube to the pipe with Armaflex adhesive.

**Note:** On cold lines, insulate the fixing bracket with a suitable Armaflex tube or with Armaflex self-adhesive tape.



2. With a large off-cut of Armaflex tube, punch out a small hole to allow for the oil thread support of the bracket and slit with a small sharp knife along the flat face of the tube.

**Note:** For large pipe diameter the use of Armaflex sheet is recommended.



3. Place the Armaflex cover over the support area, mark and cut the true circumference of the cover.  
Fix and vapour seal all seams and joints in and around the attached insulation using Armaflex adhesive.

### Insulation of other pipe supports

Armafix pipe supports represent the best option to create a fully water-vapour-tight system and prevent condensation on cold applications.

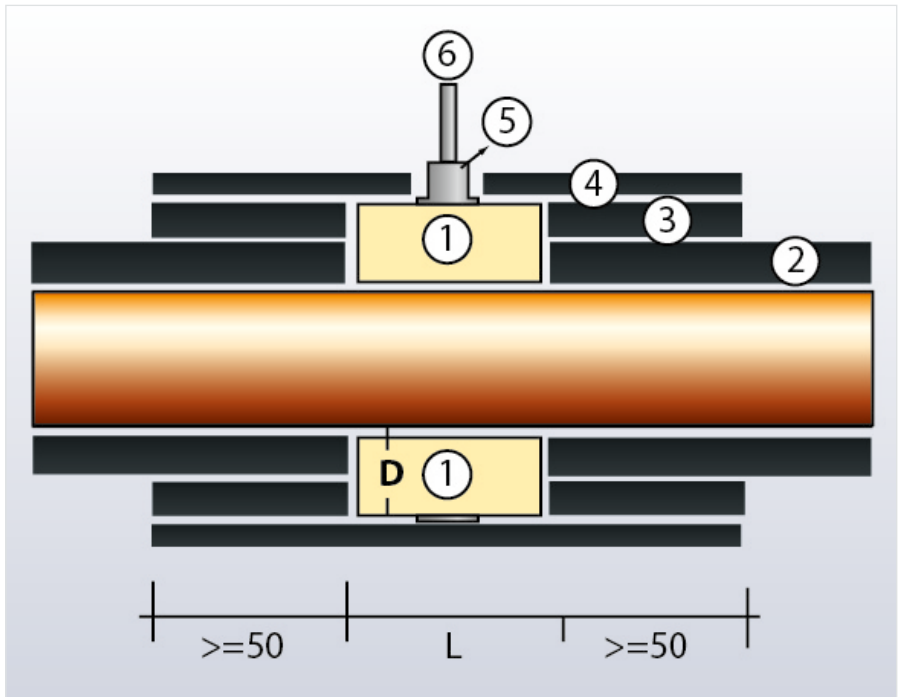
Often, cold clamps made of PUR/PIR complete the pipe hanging systems.

In these cases it is important that a vapour-tight bond between the cold clamps and the Armaflex insulation is achieved.

This interface represents a thermal bridge where condensation may occur and adhesion at these points requires special attention:

1. Clean the surface of the clamp using Armaflex cleaner.
2. Apply Armaflex adhesive on the surfaces which are to be glued. Allow this first layer of Armaflex adhesive to dry.
3. Apply a second thin coat of adhesive evenly on both the surface of the clamp and the Armaflex adhesive joints. After the adhesive has cured, the joints should be pressed together briefly, but firmly.
4. When gluing both butt joints under pressure, wet seal around the joint, when the clamps have been glued in advance (please see above)
5. If necessary double the Armaflex thickness to the diameter of the PUR-support.
6. To secure the butt joints, apply an overlapping strip of Armaflex using all-over adhesive coverage.

### SCHEMATIC CROSS-SECTION OF A CONNECTION OF ARMAFLEX TUBES WITH A CLAMP MADE OF PU RIGID FOAM



1. Clamp made of PU rigid foam
2. Armaflex tube
3. Armaflex double layer
4. Armaflex overlap (thickness  $\geq 9$  mm)
5. Connecting thread
6. Threaded bar