

Bracket assembly

8 Bracket assembly

For the installation of Akatherm HDPE pipe systems several bracket assemblies can be used:

8.1 Anchor point bracket

This method of bracketing is used for rigid installations. The expansion forces are transferred to the building structure. Within the Akatherm product range there are two options:

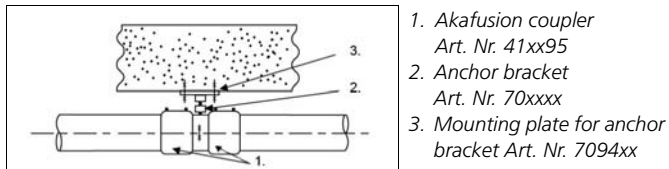


Illustration 8.1 Anchor bracket with 2 Akafusion couplers Art. Nr. 41xx95

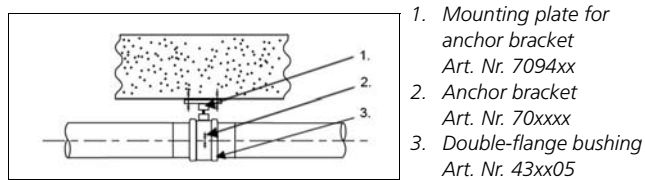


Illustration 8.2 Anchor bracket with double-flange bushing Art. Nr. 43xx05

The anchor bracket must be fixed to the building in such a way that it can resist the forces caused by the expansion or contraction of the pipe.

8.2 Anchor bracket with expansion socket

This method of installation is used for flexible installations where the expansion force is not transferred to the building structure. Only the force caused by the internal resistance of the expansion socket is transferred.

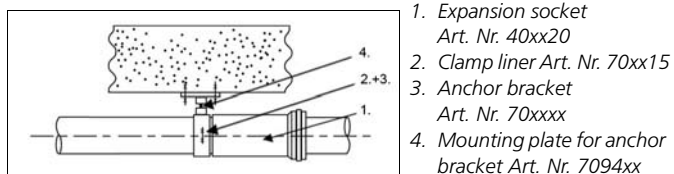


Illustration 8.3 Anchor bracket with expansion socket Art. Nr. 40xx20

The anchor bracket must be fixed to the building in such a way that it can resist the forces caused by the internal friction resistance of the expansion socket.

8.3 Guide bracket

The guide bracket is used to support the pipe and to prevent the pipe from buckling sideways in a rigid installation. The pipe can freely move in the bracket.

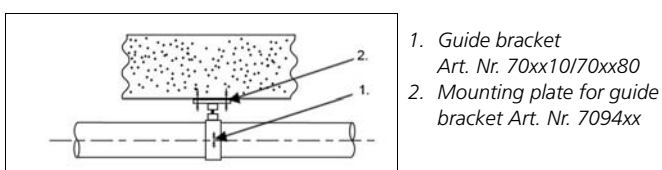


Illustration 8.4 Guide bracket