



# 1 PIPES

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## 1.6.2 Instructions for the installation of gas piping (NPR 3378-10 NL)

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- ▶ The piping route must be selected so the likelihood of damage by, for example, drilling or nailing is as low as possible.
- ▶ In bends one must respect the minimum bending radius as specified by the manufacturer. Folded piping must be avoided.
- ▶ In walls the depth of the opening must be such that the shortest distance of the pipe to the external side of the wall is at least 10 mm.
- ▶ With piping in floors the shortest distance from the pipe to the external side of the floor must be at least 20 mm.
- ▶ During construction activities the gas pipe must be blocked off so no dirt or dust can enter the pipe. If dirt has arrived in the pipe the pipe must be cleaned with an inert gas or air.
- ▶ Pipes and connections showing signs of surface damage may not be used.
- ▶ A pipe sleeve must be used when a pipe passes through a (cavity) wall. The shortest route must be chosen.
- ▶ Piping may not be laid in a cavity wall.

The table below shows a diagrammatical summary of where pipes may or may not be laid.

Location	Allowed?	Restrictions	Note
A. In view	No		
B. Accessibly concealed	Yes	Detachable fittings may not be used. Connections must at least be equivalent to a soldered joint.	No pipe sleeve required. A pipe in a pipe sleeve is regarded as accessible.
B1. Below ground floor (crawl space)	Yes	Intermediate connections are not allowed. The pipe must be provided with a pipe sleeve.	
C. In the ground	Yes	If below the home use a pipe sleeve.	Intermediate connections are not allowed.
D. Concealed in floor wall or inaccessible space	Yes	Detachable fittings may not be used. Connections must at least be equivalent to a soldered joint.	

