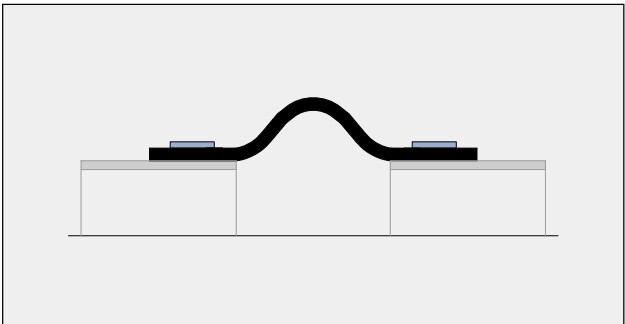


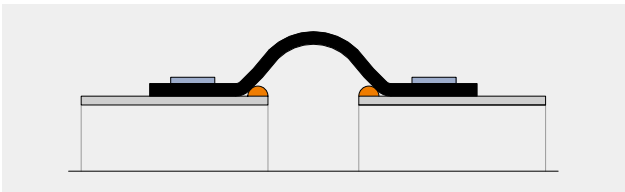
Clamped fixing

Belt expansion joints have cylindrical ends (sleeves) that are clamped to the pipeline ends using clamping clips.

The capped sleeve ends have an inner diameter dimension equal to the outer diameter of the pipe. These joints are designed to slip over the straight ends of the open pipe and be held securely in place with clamps. This type of joint is recommended only for low to medium pressure and vacuum service because of the difficulty of obtaining adequate clamp sealing.

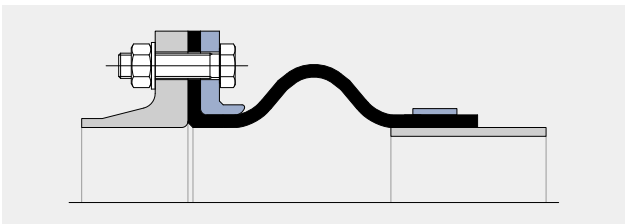


At higher pressures (1 bar) and greater diameters (> Ø 500 mm), the fixing of a sleeve expansion joint may lead to sealing problems. There is also the risk that the expansion joint will be pulled off the pipeline. For this reason, we recommend that you attach a welding bead or a wire to the pipeline ends.



We can manufacture all our slip-on sleeve rubber expansion joint types exactly customized to the outer diameter of the piping. If needed, the expansion joint can be made using flange fixing on one side and a sleeve on the other side.

Slip-on sleeve rubber expansion joints are self-sealing. So an additional separate gasket is not required.



Clamping clips

Design:	Depending on pressure and the diameter, endless clamp belt, screw thread belt, small clamps or hinge bolt clamps. At higher pressures, 2 adjacent clamps per fastening side.	
Width:	Endless clamp belt:	¾"
	Screw thread belt:	½"
	Small clamp:	depending on Ø: 9–12 mm
	Hinge bolt clamp:	depending on Ø: 18–30 mm
Materials:	Endless clamp belt with screw lugs (tongs):	1.7300
	Screw thread belt with threaded screw lugs:	1.4310
	Small clamp, belt and housing:	1.4016 (Screw steel galvanised)
	Hinge bolt clamp, belt and housing:	1.4016 (Screw steel galvanised)