PIPING

The present invention relates to piping (1) for use in industrial activities, where the piping (1) has a specific geometry. In particular, the piping (1) is formed as a lowamplitude helix, which causes fluid flowing through the piping (1) to swirl. This swirl flow provides a large number of advantages. Particular applications where the piping (1) can be used include petroleum production risers and flowlines, production tubing for downhole use in wells, pipelines for the transportation of fluids, static mixers, bends, junctions or the like, penstocks and draft tubes, reactors for chemical, petrochemical, and pharmaceutical applications, heat exchangers, cold boxes, incinerators and furnaces for waste disposal, static separators, and air intakes.

[Figure 1]