



## Technical solution for irrigation pipes gasket

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The hydraulic plate seal made of aluminium pipes with nominal flow of 100 mm and operating pressure of 0.5 MPa. The crossing pipes with a length of 6.0 m are composing the installation of sprinkling watering with manual actuation and stationary watering IIAM type. The construction material is of rubber accessories, according to STAS 7277-83. The plate consists of an out lip, a lip inside a frontal area of an elastic sealing membrane that can be found in some rectangular equidistant channels. The technical solution represents the subject for an application submitted for getting a patent of invention no. 2006/00102. The plate has a high performance due to its simple and resistant structure, emptying with a higher speed, allowing a set over up to 7 degrees at each coupling on both sides of the alignment, for making curve trajectories.