

ABSTRACT OF DISCLOSURE
PIPE MAT FOR AIR-CONDITIONING

The present invention provides a pipe mat used for air-conditioning which is capable of preventing disadvantages associated with a rectangle-shaped main pipe and solving a variety of conventional problems produced in a main pipe of circular section. In the present invention, the above challenges are resolved. A pipe mat used for air-conditioning for cooling or heating air through thermal radiation from cooling or heating fluid, includes a pair of main pipes (MP) made of a synthetic resin which have a larger sectional area, and a plurality of heat-exchange pipes (HP) made of a synthetic resin which have a smaller sectional area, both ends of each heat-exchange pipe (HP) being heat-welded between the pair of main pipes (MP), the fluid flowing from one of the main pipes (MP) through the heat-exchange pipes HP to the other main pipe (MP) for the thermal radiation. In such pipe mat, the main pipe (MP) is formed in flatness, and has corners (22) rounded inside, and the heat-exchange pipes (HP) are heat-welded onto a side surface (13) corresponding to the thickness of the main pipe (MP).

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