

SYNTHETIC RESIN PIPE WITH JOINT



ABSTRACT OF THE DISCLOSURE

G00002

A synthetic resin pipe with a joint, includes a first pipe end portion to be connected, having an open guide cylinder, a large-diameter cylindrical portion formed in a deep portion thereof continuous with the open guide cylinder and having a diameter larger than front and rear walls extending in an axial direction of the synthetic resin pipe, and an outwardly facing projection disposed in a portion of the large-diameter cylindrical portion. A separately produced engaging ring including an inclined guide surface, having a large inside diameter on a width-direction one end face side thereof and having a small inside diameter on a deep side thereof, the engaging ring further including a securing stepped portion formed on the deep side thereof, a plurality of cut-out portions, respectively formed by cutting out the inclined surface, and a projection projecting from a portion of the outer peripheral surface of the engaging ring. A second pipe end portion is included to be connected, including an inclined cylinder larger in diameter on the deep side thereof than on an end face thereof, a securing stepped portion formed on a rear surface of the inclined cylinder, and a plurality of projecting portions provided at peripheral-direction positions of a rear portion of the inclined cylinder that correspond to the cut-out portions of the ring. The engaging ring is inserted into an inside portion of the large-diameter cylindrical portion of the first pipe end portion such that the large-diameter side end face of the inclined guide surface is situated on an entrance side of the ring and the projection on the outer peripheral surface of the ring is fitted with the inner surface recessed portion of the outwardly facing projection of the large-diameter cylindrical portion.

Figure 1

