

END SURFACE AND PORT DUAL-REINFORCING DUAL-SEALING DEVICE FOR METAL-PLASTIC COMPOSITE PIPE AND FABRICATION METHOD

ABSTRACT

An end surface and port dual-reinforcing dual-sealing device for a metal-plastic composite pipe, comprising a metal-plastic composite pipe body (3) having an end surface (3-2) and a port (3-1), a metal reinforcing ring (1), and a sealing ring (2). The metal reinforcing ring (1) comprises a metal reinforcing ring body (1-1) and a flanged edge (1-2) disposed at one end of the metal reinforcing ring body (1-1); a cross-sectional outline shape of the metal reinforcing ring (1) is the same as a cross-sectional outline shape of the sealing ring (2); and the sealing ring (2) is sleeved on an outer wall of the metal reinforcing ring (1) and is located between the metal reinforcing ring (1) and the metal-plastic composite pipe body (3). The present invention also relates to a fabrication method for an end surface (3-2) and port (3-1) dual-reinforcing dual-sealing device for a metal-plastic composite pipe.

Fig. 1