

Abstract

The present invention relates to the technical field of cables. Provided are a medium-voltage cable and a method for manufacturing the medium-voltage cable. The medium-voltage cable comprises a plurality of wire core units, the plurality of wire core units being stranded together to form a cable core structure; each wire core unit comprises: an insulated wire core; a metal shielding layer, covering the external part of the insulated wire core; and a semi-conductive adhesive layer, covering the external part of the metal shielding layer, the semi-conductive adhesive layer being formed by curing a semi-conductive adhesive. The medium-voltage cable of the present invention ensures electrical continuity of the metal shielding layer, and prevents harmful gas from flowing along braided gaps of the metal shielding layer, thereby effectively preventing harmful gas from leaking out of the cable, allowing medium-voltage cables to be widely used in offshore floating production storage and offloading units, and enhancing the applicability of medium-voltage cables.

Fig. 1