

ABSTRACT

POLYURETHANE ELASTIC FIBER, YARN PACKAGE OF SAME, AND PRODUCT INCLUDING SAME

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Provided is a polyurethane elastic fiber wherein surface treating agents do not bleed even after lengthy storage, thereby preventing contamination of packing material, and which exhibits stable friction performance independent of storage duration, making the fiber suitable for a stable gathered member with low occurrence of core slip-back. This polyurethane elastic fiber is a multifilament polyurethane elastic fiber and is characterized by having, in the multifilament cross section, a void part demarcated by the constituent individual filaments being in contact with one another and by having a cross-sectional void part area ratio of 15% to 60% as calculated according to the formula (cross-sectional void part area ratio [%])=100×(area of the void part)/(total cross-sectional area), where the total cross-sectional area is the sum of the area of the void part and the cross-sectional areas of all individual filaments that constitute the multifilament.

FIG. 1