

A sealing device for sealing between two static portions (2, 4) of a turbomachine, said device comprising a brush gasket formed by a plurality of resilient bristles which are, at least in part, held in a housing, each bristle having a main portion (10a) and a secondary portion (10b) interconnected by a bent portion (10c), the secondary portion (10b) having a free end (14) ensuring leaktight contact with a surface that is to be sealed (16) of the other static portion (4). The sealing device further comprises a flexible washer (18) of bent section which has a free (20) end bearing both against the free ends of the secondary portions (10b) of the bristles of the brush gasket (10), and against the surface that is to be sealed (16) so that the free ends (14) of the secondary portions (10b) of the bristles of the brush gasket (10) are permanently in contact with the surface that is to be sealed (16).