

The invention relates to sealing equipment and can be used for sealing shafts of rotor machine, for instance pumps, compressors, turbines, in particular compressors with high and medium pressure drops. A labyrinth seal has a ring and labyrinth with combs placed on the inner diameter of the ring separating cavity of high pressure and cavity of low pressure and rotor. The ring is made of metal, and part of combs – of polymer material. Decrease of gap between labyrinth and rotor and decrease of overflows is achieved, this promotes increase of efficiency.