

ABSTRACT

The disclosure provides a heat-resistant adhesive tape and a method for producing the same. The heat-resistant adhesive tape comprises a substrate layer, and an adhesive layer provided on a first surface of the substrate layer, the substrate layer further comprises a second surface opposite to the first surface, and the substrate layer is a glass fiber fabric impregnated with a fluorine-containing resin, wherein, the second surface has a surface roughness of $R_z \leq 2.5 \mu\text{m}$ or $R_a \leq 1.0 \mu\text{m}$. Because of the adjustment of the surface roughness of the adhesive-free surface of the adhesive tape, the heat-resistant adhesive tape of the disclosure has good flatness, strong abrasion resistance, is easy to stick and not easy to be detached from the adherend, and has a high production efficiency.