

ABSTRACT

The present invention provides a pellicle frame which can effectively inhibit deformation of an exposure master plate (8) caused by affixing the pellicle (1), and which does not have a complex shape, and a pellicle which uses said pellicle frame are provided. The pellicle frame with an anodized film on a surface of an aluminum alloy frame is characterized in that: the aluminum alloy frame comprises an aluminum alloy which contains Ca: 5.0 to 10.0% by weight with the remainder aluminum and unavoidable impurities are contained, and has an area (volume) ratio of an Al_4Ca phase, which is a dispersed phase, is greater than or equal to 25%, and a crystal structure of a part of the Al_4Ca phase is monoclinic; wherein the anodized film contains Al_4Ca particles.