

# IMPACT OF CVD FILM DEPOSITION ON PITCH CHANGE

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## **ABSTRACT**

Thin films deposited on the substrate during deposition processes such as CVD create stress in the film and in the glass substrate. This film stress alters the size and shape of the substrate, causing a pitch change. Variation in the deposition process causes pitch variation. A method is presented to calculate the pitch change using the film stress and thickness parameter. Comments are made with regard to pitch variation on the substrate

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