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[\[Image PDF \(2685K\)\]](#) [\[References\]](#)**Printing Plate****7. Lithographic Printing Plate (5) AgX Polyester CTP Plate**Hideaki BABA¹⁾

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Abstract

Nowadays, as the Computer to Plate (CTP) is developing rapidly, the printing industry is changing significantly. According to various needs of its customers, it is said that approximately 1/3 of the printing offices in Japan adopt CTP with high quality, high productivity and short printing period, which we believe is becoming prevailing more and more. The reason of the drastic expansion consists in the development of the printing-out method such as "pre-press system", "image setter" and "laser printer", and in the printing plates with enormously high quality. Today, many makers produce CTP materials such as silver salt, and their competition among themselves with regard to their quality is becoming severe. In Drupa 2004, a host of CTP systems with new technology were proposed, which indicates CTP is becoming common with the continuous technological progress. In this thesis, the author focuses on "POLYESTER PLATES" which is the center of attention in the US market where CTP is the most common. By saying so, he will introduce the advantageous point of the flexible silver salt printing plates produced by the Mitsubishi Paper Mills Ltd., with the recent technological trends.

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