

Title (en)

Polyester based lithographic printing and mounting thereof on a web press

Title (de)

Lithodruck mit Polyesterträgern und aufziehen der Platten auf einen Druckzylinder

Title (fr)

Impression lithographique avec plaques en polyester ainsi que système de montage sur cylindres d'imprimerie

Publication

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Application

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Abstract (en)

[origin: EP0752322A2] The present invention provides a method for mounting a lithographic printing plate carrying a lithographic image on a polyester film support having a thickness of 0.1mm to 0.35mm and a Young modulus of at least 4300N/mm², on a plate cylinder of a web press, said plate cylinder having a channel for receiving the lead edge of the lithographic printing plate and said method comprising the steps of: (1) bending the lithographic printing plate along a line parallel to registration-line openings near its lead edge and perpendicular to a direction of orientation of said polyester film wherein the Young modulus is at least 4300N/mm²; (2) applying an adhesive to the backside of the lithographic printing plate at least near its lead edge and trailing edge; (3) inserting the lead edge in a longitudinal channel of the plate cylinder and; (4) wrapping the lithographic printing plate around the plate cylinder while pressing the adhesive against the plate cylinder. The present invention further provides a lithographic printing plate carrying a lithographic image on a polyester film support and having a lead edge and a trailing, said lithographic printing plate being bended perpendicular to a direction of orientation of said polyester film wherein the Young modulus is at least 4300N/mm² and parallel and adjacent its lead edge under an angle of less than 90 DEG and wherein the backside of said lithographic printing plate is provided with an adhesive at least near the lead edge and trailing edge.

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