Nova PROTINUS

Thermal Negative CTP Processless Offset Plate

Made for Nova Offsetplates

Nova offsetplates

www.novaoffsetplates.com

Nova
offsetplates

Nova
PROTINUS

Negative Thermal CTP Processless Plate

product specifications

Type	Negative Thermal CTP Processless Plate (Developed on Press)
Suitablefor	Suitable for Sheetfed and short run Web printing
Substrate	High quality grained and anodized aluminium
Gauge	Available in 0.15 and 0.30 mm. Maximum width 1480 mm
Coating colour	Light gray
Spectral sensitivity	830 nm (range of 800 - 850 nm)
Day light sensitivity	1 hour 800 LUX or 2 hours 400 LUX (white light)
Exposure engery	120 mj/cm^2
Resolution	1 ~ 99% @ 200 lpi
Run Length Convent. Ink	250.000 impressions* * Depending on press conditions
Run Length UV Ink	50.000 impressions* * Depending on press conditions, UV Inks and washes
Shelf life	12 months when kept away from excessive cold, heat and humidity
Storage conditions	**Store plates flat in their packaging, away from excessive cold,** heat or high humidity at 15 ~28 ℃ , with RH between 40~60%

Processing:

Nova PROTINUS non-ablative negative thermal plates do not require processing in the traditional sense. The plates are imaged on the thermal CTP device and then taken directly to press, where the fountain solution softens the non-image coating.
The coating is then removed from the plate by the ink and ultimately transferred out of the press on the make-ready sheets.

The plates are able to be handled under fluorescent light for up to 1 hour and yellow light for up 4 hours before being developed on press and have a latent image for up to 7 days. Plates not ready to be put directly on press should be put face to face with a slip-sheet between them, and placed in a light-proof box or drawer until they are to be put on press.