

Gemini Plus™

Long-run Positive Economy Plate

Product Description & Application

Gemini Plus is a positive-working presensitised offset plate, ideally suited for mid-range, quality web & sheet-fed offset printing.

Features & Benefits

- Recommended for run-lengths of approximately 100,000 impressions
- Consistent and dependable press performance eliminates downtime due to plate failures on the press
- Distinct colour change from green to blue after exposure facilitates multiple image exposures
- Strong image contrast ensures ease of inspection & deletion of unwanted image areas
- Dot resolution of 2 - 98% using 200 lpi screen prevents highlight loss and plugged shadows
- Wide exposure and development latitude to ensure consistent image quality and press runs
- Fast clean-up on the press minimises start-up and restart-up paper waste
- Good damping latitude allows high ink density at low damp levels
- Compatible with Thermotect® baking process enhance robustness and run-length
- Litho-grade aluminium base prevents pin-holes and plate cracking

Product Specifications

- Plate Type : Positive-working
- Substrate : Litho-grade aluminium, electrochemically grained & anodised
- Gauge : 0.28 mm
- Maximum Width : 1030 mm
- Safe Light : Yellow
- Spectral Sensitivity : 360 - 420 nm
- Recommended Ugra : Clear 2
- Recommended Stouffer : Clear 3
- Micro-lines Resolution : 10 - 12 microns
- Colour Change : Green to Blue (on exposure)

Recommended Processing Chemistry

- Manual Processing : Posidev Powder Developer (300 gm pack diluted in 5 ltrs water)
- Machine Processing : Posidev Powder Developer (300 gm pack diluted in 5 ltrs water)
- Processor Replenishment : Posidev Powder Developer (diluted suitably)
- Finishing : Unifin / NovaUniGum Finishing Solution
- Deletion : Jiffy Deletion Fluid
- Baking : Thermotect® Baking Solution
- Storage after Processing : Unifin Finishing Solution for storage up to 24 hours;
NovaAraGum Solution for storage up to 3 months.

Storage & Handling

- Storage & Handling : Unexposed plates must be stored in the original pack in a cool & dry environment.
- Recommended Conditions : 20 - 25°C, upto 70% RH
- Shelf-life : For optimum results use prior to the "best before date" specified on the pack label.



Our Planet is our most vital resource. We must do all we can to preserve it. We at TechNova have embarked on a “Go Green” mission. Our objectives are :

- To promote Green awareness within TechNova, with our stakeholders and within the Indian printing industry.
- To develop, manufacture and supply eco-friendly Green products and services that have the least impact on the environment.
- To comply with, and go beyond, all applicable legal requirements with regard to the environment, and help our customers achieve the same.

To assist the printing industry to “Go Green”, TechNova has introduced a bouquet of Green products :

- Chem-free Digital Plates
- Process-free Inkjet CtP Solutions
- Alcohol-free & Alcohol-reducing Founts
- Aromatic-free Press Washes
- VOC-free Cleaners & Deglazers

All Product Information Capsules for TechNova’s Green products carry the “Go Green” symbol.

Corporate Profile

- Since inception in 1971, TechNova has introduced several new breakthrough technologies.
- Recognised as one of the world’s leading manufacturers of imaging products.
- Markets products to over 51 countries through its overseas offices and distribution network.
- Serves various industries such as print & publishing, packaging, textiles, engineering, signage, advertising, geology, photography, business graphics and medical diagnostics.

Product Portfolio

- Thermal CtP Systems
- Violet CtP Systems
- Inkjet CtP Systems
- Digital & Analog Plates
- Flexo Plates
- Graphic Art Films
- Graphic Chemistry
- Diazo Chemistry
- Offset Printing Blankets
- Inkjet & Laser Media
- Diazo Media
- Screen Print Solutions

Highlights

- India’s only and world’s 4th largest manufacturer of digital printing plates.
- Long term technical collaboration with Agfa Graphics.
- Only company outside of North America, Europe and Japan to receive the coveted GATF InterTech Technology Award.
- Recipient of the Davos-based World Economic Forum’s “Top-performing, Global Growth Company Award” in 1997 and “Technology Pioneer Award” in 2000.

Corporate Office

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