

## Third Generation UV CtP Plate

### Description & Application

Eros is a third generation UV CtP plate especially designed for hi-resolution, hi-speed imaging on all popular UV CtP plate setters, using Ultra-Violet laser diode technology. It is fully compatible with all popular processors too. Eros is significantly superior to the second generation UV CtP plates with enhanced exposing and processing latitude. Eros is capable of reproducing 2%-98% dots, 200 lpi and is FM screening capable.

(Caution: Not recommended for use as Analog PS Plate)

### Features & Benefits

- High sensitivity plate ensures higher throughput and hence improved productivity.
- Excellent Image contrast resulting in early detection of errors and defects, if any
- Outstanding exposure and processor latitude helps the plate to perform optimally in varying pre-press conditions
- Compatible to baking process with Thermotect/RC 510 to increase run-length
- Excellent resistance to alcohol and press chemicals for robust press performance with higher run-length
- Each plate is printed with an unique identification number for quality assurance

### Specifications

- Plate Type : UV CtP Positive-working
- Substrate : Litho-grade aluminium, electrochemically grained and anodised
- Gauge (mm) : 0.15,0.28,0.30
- Safe Light : Yellow Safe light & UV protection on windows
- Spectral Sensitivity : Ultra-Violet laser diode compatible (405 nm)
- Run-length : Upto 100,000 impressions unbaked (Actual run-length may vary according to press conditions, ink & paper quality)
- Exposure Energy : 40 mw to 55 mw

### Recommended Processing Chemistry

- Manual Processing : Not recommended
- Machine Processing : Spartan Developer with recommended dilution to be used on processors with chiller unit
- Finisher : Unifin A Solution
- Deletion : NovaDelete P / Jiffy Deletion Fluid
- Baking Solution : Thermotect / RC510
- Storage after Processing : Unifin Finishing Solution for storage up to 24 hours; NovaKeepGum Solution for storage up to 3 months.

### Recommended Pressroom Chemistry

- Plate Cleaner : InstaKleen CtP, Instakleen HD (for Baked plates)
- Fountain Solution : Compatible with all recommended fountain solutions and fount additives from TechNova
- Press Wash : Compatible with all recommended washes from TechNova
- PressCare : Compatible with all recommended Presscare solutions from TechNova

### Storage, Handling & Packaging

- Storage & Handling : 20°C - 25°C; 30% to 70% RH. If the storage room temperature differs significantly from plateroom temperature, the plates should be acclimatized, in their original packaging, for at least 12 hours before unpacking and processing the plates. Always open the packaging under recommended room illumination.
- Recommended plateroom conditions : Operating temperatures 23°C (±2°C); 40% to 70% RH.
- Shelf-life : 18 months (from the date of manufacturing) under recommended storage conditions.

## About Us

TechNova is one of the world's largest suppliers of print solutions. TechNova's innovative and world-class products cater to a wide range of industries, such as Commercial & Newspaper Printing, Publishing, Packaging, Signage, Photo, Textile, Engineering & Medical Imaging.

TechNova's name is derived from the words "technology" and "innovation", and it is these two tenets that form TechNova's core mission. Globally recognised as a pioneer, TechNova has introduced several breakthrough technologies and innovative products that have transformed various print processes and created new markets.

With its wide distribution and logistics network in India, TechNova's products & services are used by every printer in the country. In addition to its leadership position in India, TechNova markets its products to over 60 countries through its international offices and distribution network.

Uniting all TechNova's businesses is its value system - a strict code of ethics, commitment to excellence, business conduct based on honesty, fairness & mutual trust, and a "Customer First" philosophy.

### Highlights

- World's only manufacturer of full range of Digital Offset Plates : Violet, Thermal, UV, Inkjet & Laser
- India's largest manufacturer of Offset Plates & Printing Chemicals
- Products distributed to over 60 countries worldwide
- Widest portfolio of Digital Print Media for Inkjet & Laser printing
- 70% market share in India for each of its product groups
- IMS Certifications : ISO 9001:2015 for QMS; ISO 14001:2015 EMS and ISO 45001:2018 for OHS
- Winner of the prestigious GATF InterTech Technology Award
- Pioneer of the "Go Green" revolution in the Indian print industry

### Product Portfolio

- Offset CtP Systems
- Offset Printing Plates & Films
- Specialty Chemicals
- Printing Blankets
- UV & Aqueous Coatings
- Adhesives
- Printing Inks
- Digital Industrial Presses
- Digital Production Presses
- Digital Inkjet Presses
- Digital Embellishment Systems
- Digital Post-production Devices
- Digital Print Media
- Software & Workflows
- Flexo CtP Systems
- Flexographic Plates
- Letterpress Plates
- Waterless Plates
- Press Enhancement Systems
- ETP/STP Systems
- Advisories : SHE Audits & Trainings

### TechNova Go Green Mission

Our planet is our most vital resource. We must do all we can to preserve it. TechNova is committed to helping the printing industry adopt eco-friendly solutions, reduce carbon footprint, eliminate waste and facilitate sustainable growth. To help achieve this, we at TechNova have embarked on a "Go Green" mission :

- To promote Green awareness within TechNova, with our stakeholders and within the 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 regards to the environment and help our customers achieve the same.

#### Corporate Office

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