

VESTA™

India's first chem-free Violet Photopolymer CtP Plate

Description & Application

Manufactured in technical collaboration with Agfa-Graphics N.V., Vesta is India's first chem-free hi-resolution Violet Photopolymer digital plate for high-quality newspaper and commercial printing. The revolutionary eco-friendly plate eliminates the use of water and developer. It is designed to offer the combined benefits of violet technology: high speed, long run-length and ease-of-use.

Features & Benefits

- Elimination of water & developer from processing; Minimizes environmental impact
- Eliminates pre and post wash; Makes the plate imaging process extremely simple and reliable
- Easier disposal of cleanout gum since developer is eliminated; reduces cost of disposal
- Smaller footprint of Clean Out Unit; saves spaces
- Reduces cleaning time of Clean Out Unit; saves time and money

Specifications

- Plate Type : Negative-working, high speed violet laser plate
- Coating : Photopolymer
- Substrate : Electro-chemically grained and anodized
- Gauge (mm) : 0.15, 0.20, 0.28, (Exports - 0.30) ref. USP
- Spectral Sensitivity : 405 nm violet diode
- Safe light : Yellow
- Exposure : On Stouffer 21 step wedge, 3 solid and 6 clear On UGRA wedge, 2 solid and 5 clear
- Resolution : 1% to 99%, 200 lpi AM, 240 lpi Hybrid
- Image Colour : Blue
- Processing Steps : Exposing ----> Preheat ----> Cleanout
- Run-length : Over 200,000 impressions
(actual run-length may vary depending on press conditions and ink & paper quality)

Recommended Processing Chemistry

- Machine Processing : VGXL Clean out Gum Plus
- Finishing : Unifin
- Deletion : VioStar Delete

Recommended Pressroom Chemistry

- Plate Cleaner : InstaKleen CtP
- Fountain Solution : Compatible with all Fountain Solutions from TechNova
- Press Wash : Compatible with all conventional press washes from TechNova
- PressCare : Compatible with all press care products from TechNova

Storage, Handling & Packaging

- Storage & Handling : 10°C - 25°C; 40% to 60% RH. If the storage temperature differs significantly from plate room temperature, the plates should be acclimatized in their original package for at least 12 hours before unpacking and processing the plates. Always open the package under recommended safe light.
- 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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