

# Taurus<sup>TM</sup> XL

## The Bull-headed PS Positive Plate!

### Description & Application

Taurus XL is a pre-sensitised positive-working long-run plate for universal applications. The unique surface treatment and robust coating make it the right choice for tough terrains.

### Features & Benefits

- Computerised Laser Inspection System ensures supply of zero-defect plates
- Each plate carries a unique identification number for quality assurance
- High-resolution holds even the sharpest line or the smallest dots
- Faster vacuum draw-down and short exposure time provides productivity improvements in prepress
- Wide exposure and processing latitude to ensure consistent image quality and press runs
- Highly visible image after exposure and excellent contrast facilitates inspection and corrections
- Fast clean-up and excellent dampening latitude translate into minimized paper wastage, high ink density and low damp levels
- Long-run capability, compatible with Thermotect<sup>®</sup> baking process to increase run-length

### Specifications

- Plate Type : Positive-working
- Substrate : Litho-grade aluminium, electrochemically grained and anodised
- Gauge (mm) : 0.20, 0.25, 0.28 & 0.30
- Maximum Width (mm) : 1500
- Safe Light : Yellow
- Spectral Sensitivity : 360 - 420 nm
- Recommended Ugra : Clear 2
- Recommended Stouffer : Clear 3
- Resolution : 2% - 98% dot resolution at 175 lpi screen
- Image Colour : Blue
- Run-length : Up to 150,000 impressions (actual run-length may vary depending on press conditions and ink & paper quality)
- Exposure Energy : 40 mw to 55 mw.

### Recommended Processing Chemistry

- Manual Processing : Posidev Powder Developer (300 gm pack diluted in 5 ltrs water) / Spartan, LSP 19
- Machine Processing : Posidev Powder Developer (300 gm pack diluted in 5 ltrs water) / Spartan, LSP 19
- Processor Replenishment : Posidev Powder Developer (diluted suitably) / Spartan, LSP 19
- Finisher : Unifin / NovaUniGum Finishing Solution
- Deletion : Jiffy Deletion Fluid
- Baking Solution : Thermotect<sup>®</sup>
- Storage after Processing : Unifin Finishing Solution for storage up to 24 hours; NovaAraGum Solution for storage up to 3 months

### Storage, Handling & Packaging

- Storage & Handling : Unexposed plates must be stored in the original pack in a cool & dry environment.
- Recommended Conditions : 20°C - 25°C up to 70% RH.
- Shelf-life : 18 months (from date of Manufacturing) under recommended storage condition



## 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.

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