

NovaSharp™ Diamond

Ideal for universal offset, silk-screen and flexo positives.

Product Description & Application

NovaSharp Diamond is a polyester-based, daylight-working, zero-process, dry-to-dry film for making plate-ready offset positives (or negatives) using a desktop computer and a laser printer. The UV density of the image when enhanced with density booster, is comparable with silver-sensitised graphic arts films and therefore perfectly suited for exposing presensitised positive and negative offset / Flexo plates.

Features & Benefits

- Translucent smooth surface film provides *optimum latitude for exposure*.
- **Higher toner adhesion** and UV resistant images at lower levels of toner consumption.
- **In-line stabilised** to provide superior dimensional and heat stability for colour separation.
- Back coated with **anti-static coating** to provide dust-free surface.
- **Compatible** with most laser printers & copiers.

NovaDense Density Booster Solution

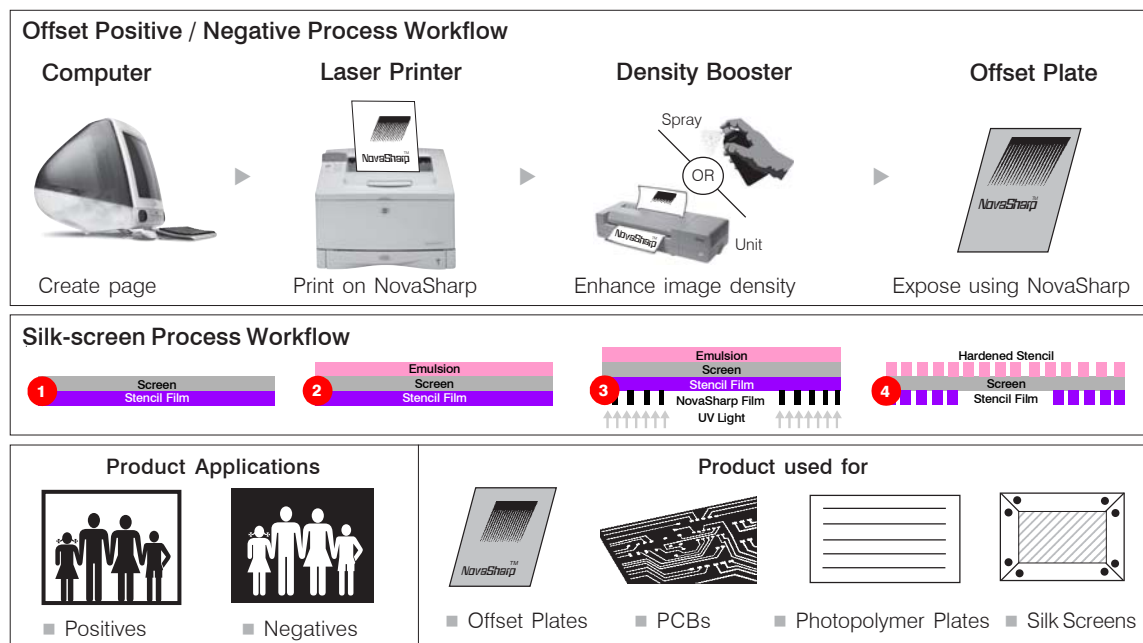
Using NovaDense Density Booster Solution on your prints will enhance image density equivalent to lith film. You can get UV density close to 2.40.

Product Specifications

- Base : Dimensionally stable polyester film
- Total Thickness : 100 microns (± 3 mic)
- Coating : Double side coated
- Background Density* : 0.12 - 0.15
- Image Density after use of NovaDense Density Booster* : 2.20 - 2.40
- Sizes : 210 mm x 297 mm, 297 mm x 380 mm, 297 mm x 420 mm
210 mm x 356 mm, 297 mm x 350 mm
(Also available in custom sizes on request)
- Available Packing : 100 sheets
Bulk packing as per customer request.
- Shelf-Life : Two years from the date of manufacture when stored in original packing at 20-25°C and 50-65 % RH.

* UV density of background and image density measured using Gretag Macbeth D200 - II densitometer. Test media printed on HP 1200 laser Jet printer. Media Type : Transparency, Print Mode : Best

Workflow



Media Handling and Storage


- NovaSharp Topaz, Pearl, Pearl Plus and Pearl Plus Premium can be imaged on either side of the film.
 - NovaSharp Diamond has to be imaged on the matte side identified by a notch on the top right corner of the film, when held in the portrait form.
 - Hold the media by the edges. Be careful not to scuff or scratch the printing side.
 - Store the media in a cool dry place and away from direct sunlight.
 - Store the media flat, to avoid curling, warping or damage of the edges.
 - Ensure that blank media is always kept safely in the original packing.
 - Maintain print environment at 20-25° C at 50-65% RH for optimum print quality.
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Corporate Profile

TechNova is one of the world's largest manufacturers of digital & analog offset plates, chemicals, inkjet, laser & drafting media. Product include a full range of consumables for conventional and digital imaging systems for advertising, photography, medical imaging, signage, printing, packaging as well as textiles, engineering, architecture, geology and business graphics.

Its overseas offices and distribution network market products to over 51 countries. In the Indian sub-continent, it has over 70% market share in each of its product groups. It has technical collaborations with Agfa-Gevaert N.V.

TechNova has received the prestigious "GATF 1995 InterTech Technology Award", the Davos-based World Economic Forum's "Top-performing, Global Growth Company Award" in 1997 & the "Technology Pioneer Award" in 2000.

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