

## RC 510™

### Product Description & Application

RC 510 is a premium baking solution for Violet & Thermal Digital plates.

### Features & Benefits

- Ready-to-use solution
- Prevents dot growth during baking
- Designed for optimum performance and easy removal after baking by wet washing
- Protected against bacterial spoilage by broad-spectrum biocide

### Usage Instructions

- Fill the processor finishing section with RC 510 as described in the processor instructions manual.
- Adjust feed level to achieve optimum coverage. If the gum quantity is too low or too thin, this can lead to insufficient protection.
- Too much gum, on the other hand, can lead to slow ink acceptance or blindness on the press. If the plates are not baked and are to be run on the press within a few days, and if RC 510 is being used in place of a finishing gum, no special post-treatment is required.
- If the plates are baked and / or there is a delay of more than 7 days before the plates are run on the press, first wash out and refinish with diluted RC 795 or Unifin.
- This is a must to prevent tinting and / or poor clean-up on the press.
- Storage : The gumming solution should be changed whenever the developer is changed.
- Cleaning : The gumming station requires daily maintenance. Traces of gum on the rollers must be removed from the rollers using warm water and a soft lint-free cloth. If it is not done the rollers can potentially stick together or the gum will leave marks on the plates. In the worst case, it can cause faulty interpretation by the plate scanner and localized areas of slow ink acceptance. Insufficient cleaning can also lead to growth of algae / bacteria.

### Storage, Handling & Packaging

- Storage & Handling : Protect from direct sunlight. Store at temperatures below 30°C in a dry, well-ventilated area. Keep the containers tightly closed. The use of gloves is recommended
- Shelf-life : 12 months from the date of manufacture
- Packing : 5 litres
- Precautions : All gums tend to become thicker with time due to evaporation. Adding water will resolve this. Specific gravity of undiluted solution should be within the range of 1.038 to 1.046 at 20°C. If the gum becomes too thin, water may be dragged into the gumming station from the rinsing station



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

TechNova Imaging Systems (P) Limited  
Plot No. E 1/2/3, MIDC, Talaja  
Dist. Raigad, Maharashtra 410 208, India  
Phone : +91 (0)22 2741 2463  
Fax : +91 (0)22 2741 0261

### HelpDesk

Toll-free (India) : 1 800 22 7474  
Phone : +91 (0)22 2741 2464 (Extn. 600)  
Fax : +91 (0)22 2740 1366  
eMail : help@technovaworld.com  
Web : www.technovaworld.com

