

## Thermotect™

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### Product Description & Application

**Thermotect** is a high-quality patented baking solution for protection of non-image areas of CtP thermal and PS positive plates during baking.

### Features & Benefits

- Eliminates the need to re-develop or otherwise etch the plates after baking
- Prevents dot growth during baking
- The applied layer of Thermotect breaks down during the baking process for easy removal by wet-washing
- Can be applied by hand or used directly in the gumming section of a plate processor

### Usage Instructions

- For hand application : Apply to the developed (and deleted) plate with a clean sponge or cotton wool pad. Spread the solution evenly over the entire plate surface. Buff down to a thin, even film. Care should be taken to avoid contamination of Thermotect from either the sponge or the bench
- For processor application : Use the full-strength solution in the finishing / gumming section of the plate processor, following the instructions of the equipment manual. For best results, the solution should be maintained at a specific gravity between 1.065 to 1.075. Under normal circumstances, this will be achieved by replenishing with Thermotect, diluted in water

### Storage, Handling & Packaging

- Storage & Handling : Store at moderate room temperatures in a dry, well-ventilated area. Protect from heat and direct sunlight. Keep the containers closed
- Shelf-life : 12 months from the date of manufacture
- Packing : 5 litres
- Precautions : Avoid contact with eyes and skin



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

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