



FUJIFILM  
**SUPERIA**

# cost saving true processless thermal plates

## SUPERIA ZD

Fujifilm offers a new additional no-bake, true no-process thermal plate – SUPERIA ZD to complement the existing Ecomaxx-T. As the industry leader in true processless technology, ZD joins Ecomaxx-T to deliver the smallest environmental footprint: there is no effluent to dispose of and no additional consumables to contend with, which is not only good for the environment, but also an advantage for printers.

The key performance feature improvement for ZD is the ability to print UV ink conditions and also provide improved run length in non-UV ink environments. Both products are proven winners and provide solid, viable portfolio options.

### SUPERIA ZD Features:

- True processless technology allows the plate to be imaged and mounted directly on press for immediate use
- Higher polymer sensitivity results in faster imaging
- MultiGrain surface structure for optimum ink/water balance
- 1-99% at 200 lpi conventional and 300 lpi FM and hybrid screening technologies
- No ablation



## SUPERIA ZD PROCESSLESS THERMAL CTP PLATE

### ZD SPECIFICATIONS

Item	Specification/Results
<b>Concept</b>	ZD is a new addition to the Fujifilm processless plate portfolio for the commercial market. Production of ZD is now in Greenwood, SC
<b>Features</b>	New technology, <b>HDN</b> (Hyper Dimension Networking Technology), <b>SHC</b> (Superfine Hydrophilic Coating Technology), along with <b>RSS</b> (Rapid Table Startup) and <b>FPD</b> (Fine Particle Dispersion)
<b>Purpose</b>	ZD's main improvement features are: ① UV printing capability ② Longer run length
<b>Type</b>	Negative working
<b>Technology</b>	On-press development
<b>Sensitivity</b>	150mJ/cm <sup>2</sup>
<b>Introduction Procedure</b>	Adjust exposure when introducing ZD. 150mJ/cm <sup>2</sup> shall be used for optimal performance
<b>Tone Reproduction</b>	AM200 1-99%, FM20 and 300 lpi are applicable
<b>Run Length</b>	Web: Up to 200,000* Sheetfed: Up to 150,000* UV Ink: 50,000-100,000* *depending on press conditions
<b>Image Contrast (after exposure)</b>	Similar to Ecomaxx-T
<b>On Press Developing</b>	Same as Ecomaxx-T
<b>Platesetter Compatibility</b>	Screen: All non-GLV machines Kodak: Media qualification completed Heidelberg: All models qualified

### SPECIFICATIONS: SUPERIA ZD

#### FUJIFILM'S PROPRIETARY MULTIGRAIN TECHNOLOGY

- ▶ ZD plates are made by applying a complex grain structure, consisting of primary grains, honeycomb grains and micropores, to an aluminum support. This "MultiGrain" structure produces a synergistic effect that results in:

#### OUTSTANDING PRINTING EFFICIENCY

- ▶ Rich tone reproduction
- ▶ Long press life
- ▶ Simple platemaking
- ▶ Outstanding durability
- ▶ Offer exceptional dot resolution in highlight, midtone and shadow areas, with a minimized dot gain ratio and superior print quality.

#### CLEAN WORKING ENVIRONMENT

- ▶ Fujifilm has produced the cleanest plate system available. In fact, ZD features the smallest environmental footprint in the industry.

#### EXCELLENT INK AND WATER BALANCE

- ▶ Unique MultiGrain aluminum structure provides water receptivity that ensures an easy-to-maintain ink and water balance, plus minimum dot gain on press, and less piling to reduce paper waste.



#### THE FUJIFILM GREEN POLICY

We at Fujifilm believe that "sustainable development" of the Earth, mankind, and companies in the 21st century is an issue that must be addressed with the highest priority. As a socially responsible corporation, we actively undertake corporate activities with our environmental values in mind. We strive to be a dedicated steward of the environment and assist our customers and corporate partners in doing the same.