

IRIS PREMIUM

General Information

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| Plate Type | Thermal digital plate, positive working; optional postbake for longer runs |
| Application | Medium run and UV print application |
| Substrate | Electrochemically Grained and Anodized Aluminum Substrate |
| Aluminum alloy | Standard 1050 Alloy / EN AW 1050A |
| Coating | Two-layer system, IR sensitive, positive acting |
| Gauge | 0.15,0.20, 0.25,0.30, 0.40mm |
| Maximum short grain width | Maximum width 1 220 mm |
| Plate intermix | Kodak Electra Excel HRL/HRO Thermal Plates, Kodak Sword Ultra Thermal Plates, Agfa Energy Elite, etc. |
| Length of Run¹ | Unbaked: 150,000 to 200,000 impressions UV ink applications: 100 000 Baked: 1 million impressions |

Exposition

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| Platesetter compability | All the main brands in the market: Kodak: Trendsetter/Lotem/Magnus; Fuji: Javelin T9000HS, Heidelberg Topsetter/Suprasetter, Luscher: Xpose Platesetter, etc. |
| Exposure energy | 120-140 mJ/m ² |
| Spectral Sensitivity | 800-850 nm – Peaks 830nm |
| Resolution | 1-99% & 250 lpi |
| FM capability | 20 micron stochastic |
| Image color | Dark blue |

Processing

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| Processor | All the main brands in the market such as Kodak, Agfa, Fuji etc. |
| Developer² | Dongfang CDP-II, also other developers provided by Kodak, Agfa, Fuji. |
| Processing temperature | 23°C +/- 1°C |
| Dwell time | 25-30 sec |
| Developer Rate | 100-120 ml/m ² , depending on use |

Finishing

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| Plate Finisher | Dongfang PF-II plate finisher, Kodak Multigum Plate Finisher, AGFA RC795, etc. |
| UV ink compatibility | Applicable with UV inks |
| Finisher rate | 30 ml/m ² |

Storage and handling

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| Safelight | Daylight handling |
| Shelf Life | 18 months under recommended storage conditions |
| Packaging | Available in all standard formats, including bulk packaging options such as APL packaging |
| Storage and handling | Unopened plates should be stored in the original pack in a cool and dry environment, away from excessive cold, heat and humidity. Use in a controlled environment of 30-70 % RH and 5-30 C° |

¹ Actual run length may vary according to press, ink and paper conditions

² Please, contact us for more details