



Industria Materiali Fotochimici
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TDG PLUS HUAGUANG

CTP THERMAL NEGATIVE PLATES WITHOUT PREBAKING

Studied for exposure with laser 800 / 850 nm.

On aluminium support, electrochemically grained and anodized.

Plate is very versatile, considering that after exposure it **CAN BE PUT DIRECTLY IN PRINTING MACHINE WITHOUT TREATMENT** or through a washing unit.

We suggest to use TDG PLUS in air conditioned environment : 25°C, with humidity at 60%.

This plate has excellent press performance. Field of application is the commercial printing.

Structure

Chemical / mechanical resistance of the surface, thanks to double coating formulation and to higher polymer density controlled by a unique properties technology

Technical specifications

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| KIND of PLATE | Thermal negative |
| PLATE NAME | TDG PLUS |
| SUBSTRATE | Aluminium 1050, electrochemically grained and anodized |
| SENSITIVE LAYER | Photo polymer (thermal negative) |
| SPECTRAL SENSITIVITY | Ir 800 - 850 nm |
| SAFETY LIGHT | 1 hour under fluorescent lamp, 4 hours under yellow light |
| LASER ENERGY | 140 mj/cm2 |
| PRE-HEATING | None |
| BAKING TIME | Not allowed |
| WASHING UNIT DEVELOPER | Imaf Cleaner MCB 85 PLUS |
| DIRECT PRINTING : START UP | It is required pre-washing for about 30/40 sheets to reach perfect printing |
| RESOLUTION | 1% - 99% at 200 lpi |
| RUN LENGTH | 80.000 – 100.000, with normal inks |
| SHELF LIFE | 12 months from production date, at 25°C , dampness 60%, in original packing |
| AVAILABLE GAUGES | 0,15 - 0,30 mm |