

## Laser Clichees DLE 30S

### Efficient and Consistent Processing

- Pad printing plate for direct laser engraving
- Efficient, consistent and fast processing of the plates
- Relief processing in one step
- No exposure faults due to dust or damaged images
- No data loss with the artwork
- High consistency, reliably applicable for follow-up orders

### Outstanding Printing Quality

- Screen ruling up to 380lpi (150L/cm)
- Excellent area coverage through ideal ink transfer due to the steep cup geometry
- Highest resolution for reproduction of finest details
- Very good squeegee characteristics – also suitable for closed ink systems

### Varied Fields of Application

- Gravure plate for high-quality pad printing for advertising parts, medical parts and industrial items
- For printing of toys, golf balls and decoration items
- For automobile parts and parts for the electrical industry, product identification and printing of serial numbers
- Suitable for continuous tone motifs
- High usage stability for printing orders up to 40,000pcs.

### Technical Parameter

Carrier Material	Steel
Colour of the Raw Plate	black
Total Thickness (mm)	0.34
Hardness (Shore D)	92
Relief Depth (mm)	0.030
Tonal Value (%)	2-95, 150 L/cm (380lpi)

Suitable laser systems: CO<sub>2</sub>, fibre laser, diode laser with suitable extraction and filter system. Also suitable for standard ablation laser systems for flexographic plates and book printing plates (with magnetic drum). Please ask your laser manufacturer for detailed information and process parameter for plate gravure.

Cleaning agent: all usual cleaning agents (e. g. alcohol and acetone). Not suitable for water and cleaning agents on water basis.

Pre-drying: a pre-drying can improve the usage stability and the squeegee characteristics (recommendation: 10mins at 60°C before printing)

Storage: Please check manual for pad printing for detailed information.

Printing Inks: Suitable for all common pad printing inks (UV-inks, solvent based inks, 2-components inks).