HelioFlex is an elastomer printing plate used in flexo printing. Typical applications include printing flexible packaging, labels and tissue.

- razor sharp image
- solvent resistant
- reproducibility
- high resolution engraving
- long lifetime
- available on roll
- Improved ink laydown / densities
HelioFlex

HELL - the single source supplier

The HelioFlex plate from the HelioElastomer product line offers long life, less abrasion and less plate swelling and is optimally defined to match the engraving properties of the HELL PremiumSetter. This allows the production of high-quality printing plates in the shortest time.

In a two-step process, the plate is first engraved with the high-resolution direct laser and then cleaned with water in the corresponding plate washer.

The finished HelioFlex printing plate is highly resistant to solvents and abrasive colors.

With the HELL PremiumSetter and HelioElastomer, you now have the ability to produce jobs with higher up time on press, the highest resolution possible, and at the lowest price.

Technical Data

MATERIAL PROPERTIES
- material: EDPM / Elastomer Black
- hardness Shore A: 65 Shore A / 80 Shore A
- compressibility: 1.14 mm: With 135 N/cm² ≥ 0.03 mm*

DIMENSIONS
- backing: 0.007” Polyester
- plate thickness: 0.045” - 0.125” (1.14mm - 3.17mm)
- plate width: 50”
- plate length: 9.5 meters

PRINTING SURFACE (CHEMICAL-FREE)
- Surface: Fine Grind
- Roughness: Ra: 0.9 µ

*suitable for UV curing inks, solvent-based inks, alcohol-based inks and water-based inks.

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