DISCOVER BREATHTAKING PRINTING QUALITY WITH TOTALLY NEW OPTIONS.

Made in Germany: Laserline – the new elastomer printing plate.

Excellent printing quality and reliable reproducibility of the product packaging or the label play a vital part in a brand’s success.

We process exclusively plates of the Laserline series produced by ContiTech, the German elastomer specialist. In combination with innovative direct laser engraving, this material not only delivers everything it takes to meet the stringent quality demands of modern flexographic printing. It also opens up completely new shaping options.

Direct laser engraving.
For the highest possible quality in flexographic printing.

When a plate is engraved directly, all non-printing elements or areas are lasered out. Water is then all that is needed to wash away the ash residue. This greatly benefits the environment because no ecologically harmful solvents are involved.

The imaging data are converted to a three-dimensional 8-bit TIFF data, then engraved by a high-resolution fibre laser with modulable intensity in one single step.

The digital undercut option guarantees perfect print results whenever solids, linework and halftone are incorporated on one plate. The fibre laser works with a resolution of 2'540 to 5'080 dpi, engraves infinitely adjustable screen rulings of up to 250 lpi and can laser a maximum stencil depth of 800 μm.

GET IN TOUCH

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Sustainable. Economical. Incredibly precise.
Genuine digital, two-step production process
- Just two process steps: laser engraving and cleaning
- Undercut, first step, shoulder profile, relief depth, dot stability, and shaping are entirely digitally controlled

Record-breaking technology
- 1:1 transfer of the digital original to the printing plate
- Maximum resolution of 5080 dpi
- Infinitely adjustable screen rulings up to 250 lpi
- Tonal value range 1 - 99%

Razor-sharp reproduction
- Limitless possibilities for shaping dots and shoulders
- Variable depths ("undercut")
- Halftone and linework can be incorporated on one plate
- Fine text and line art details, vignettes, solid and half-tone areas are printed with high-contrast, brilliant colors

Technical benefits of the compressible layer
- Improved ink laydown and higher ink densities
- Better dot gain control
- No squeezed edges
- Reduction of vibration stripes

Outstanding service life
- No raveling of grid points, letters or small image elements
- Extremely resistant to shocks or scratches
- Universally applicable material for different ink systems
- Consistently high quality and permanent image, even with regular washing

Reduced material usage and sustainability
- Lower ink consumption
- No compressible foam tape for Laserline CSC
- Chemical-free production process and reduced energy input benefit the environment

Available Thicknesses
Laserline CSC
- 1.42 mm
- 1.59 mm
- 1.98 mm
- 2.08 mm
- 2.15 mm

Laserline CSX
- 1.14 mm
- 1.70 mm
- 2.54 mm
- 2.84 mm

Laserline CSL
- 1.15 mm
- 1.35 mm
- 1.70 mm

Laserline CML
- 0.73 mm
- 0.84 mm
- 0.95 mm
- 1.70 mm

Other thicknesses and custom designs available on request.

The compressible layer evens out any irregularities in the substrate, leaving you with optimal printing quality every time.