

# Laserflex® FP2001\*

New generation flexographic plate material for direct laser imaging



**Laserflex® FP2001 is the first of a new generation of flexographic plate material. Like the successful FP5001, it is directly imaged on a high-speed laser engraving system. FP2001 is specifically designed for process printing but also delivers excellent ink transfer, durability and stability, making a superior plate for linework as well as process print.**

Laserflex® FP2001 plates are imaged by direct laser ablation in a one-step process. Unlike photopolymer plates, they require no exposure, chemical processing or special handling. The direct laser imaging process engraves away excess material down to the floor but does not modify the print surface.

### Top quality print

Laserflex® FP2001 is the new generation of Laserflex® plate. It has the capability of fine process print through 120 line screen and beyond with excellent tonal range. Combine this with excellent ink transfer characteristics and the ability to hold fine detail in both reverse and positive graphics and you have a plate material that can handle any job.

### Reduced make-ready

FP2001 has an internal polyester layer making it is dimensionally stable. This stability ensures that registration across the web is achieved quickly and simply, thus saving valuable press time.

The calliper of Laserflex® FP2001 is controlled to within 0.0005" (0.013mm), which is maintained through the imaging

\*Patent pending

process, as there are no solvents used. This means that jobs come into color more quickly, with light impression, reducing waste of inks and substrate

### Environmentally friendly

Since Laserflex® FP2001 plates require no chemical processing there are no effluent disposal problems. The plate material itself and the dust residue from laser engraving may be disposed of as ordinary waste.

### Easy to clean

After imaging, dust adhering to the plate surface can be removed by washing with water. A warm water pressure jet is usually the most effective method.

### Product packaging

Laserflex® FP2001 is supplied in a width of 50" (1270mm). With a roll length of approximately 10 yards (9.14m) it is possible to produce large one-piece plates with minimal waste.

Each roll is packed in a sturdy tube which carries a lot control label. This information should be added to your job ticket for full material traceability, ensuring proper quality control measures throughout the process.

*Directly imaged sleeves are also available for continuous print applications.*



