

LGCM-Process

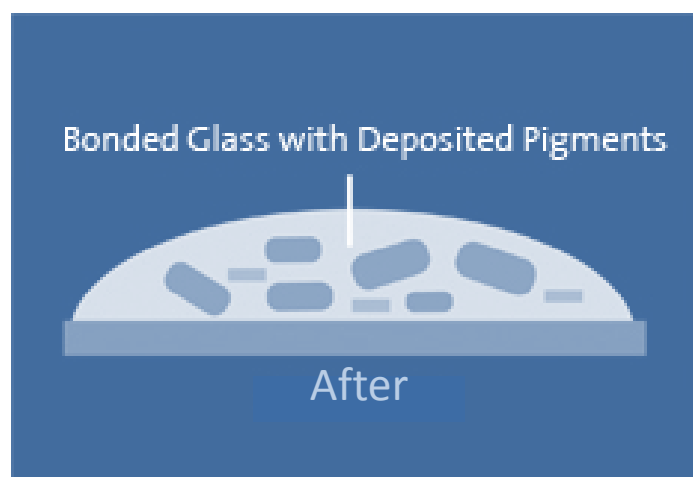
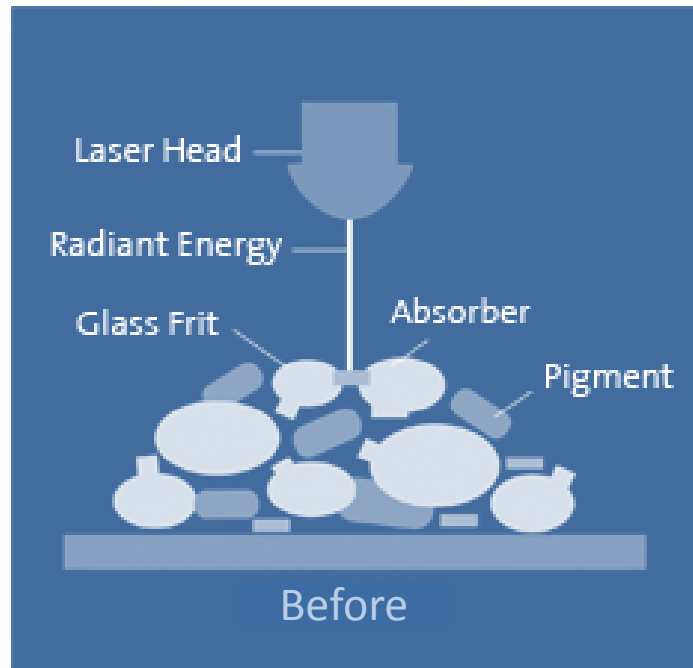
Laser, glass and compound-marking labels for glass and metal.
Accurate, fast and up to date.

High quality labeling with your existing laser unit.

The surfaces of special laser labeled instruments are combined through the chemical and physical process of a radiant energy light. The results are permanent labels with high contrast and resistance against heat as well as chemical and mechanical treatment.

The special lasers labeled materials are made of a mixture of color and function determining pigments (e.g. Ceramic color pigments, glass frit etc.) and additives that are necessary for the LGCM-Process (e.g. Energy absorber).

The composition and its properties are similar to ceramic or glaze, nevertheless these have some contras. Traditionally these have to go for long time into an oven with high temperature, which costs a lot of energy. With the LGCM-Process, the oven is replaced by a laser. Depending on the size of the instrument, it can be labeled in a fracture of seconds, without damaging the instrument and saving energy.



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„Think square.“

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