

CODING PACKAGING FOR PHARMACEUTICAL INDUSTRY

Bradma laser equipment is used to encode and mark products of a wide variety of materials, including paper, cardboard, plastics (PET, PVC, HDPE), glass, metals and wood. The messages and graphics that are achieved are of high quality, at a minimum operating cost and at high speeds.

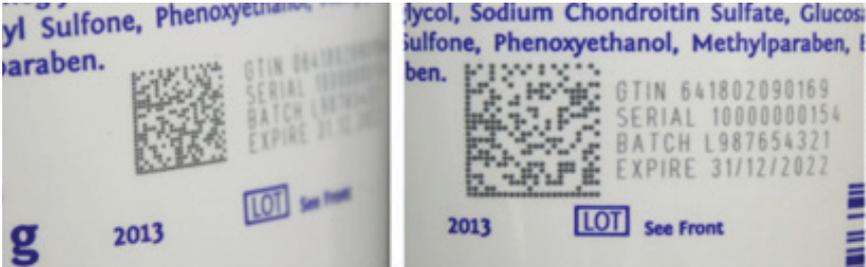
Application News regularly provides a sample of products that are encoded and labelled with Bradma lasers, every day and worldwide.



If we think about the importance of traceability and safety of the production processes that are currently carried out, we may not find an industry where they are more valuable than in the medical and pharmaceutical industries. As a result, the new directives adopted by the EU and the USA are compulsory for identification purposes.

In this case, we have made the marking of a bi-material plastic container, following the European directive FMD 2011/62/EU, consisting of a data matrix code of 10x10 mm and four lines of text. The marking has been performed with an ultraviolet light DPSS laser, with a wavelength of 355 nm and a power of 5W.

The result is a high contrast and defined mark with a very short marking time that allows full product traceability in a high capacity manufacturing line. In this case, not only is the marking capacity of the container important, but also the subsequent marking verification. For this reason, Bradma provides integral solutions to manufacturers that take into account both the marking process and its verification by means of artificial vision techniques.



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| LASER | Bradma D-5005 UV |
| LENS | 100 x 100 |
| MARKET | Pharmaceutical |
| APPLICATION TYPE | Codification |
| PRODUCT | Pharmaceutical Packaging |
| MATERIAL | 50% LDPE – 50% HDPE |
| MARKING TYPE | Static |
| MARKING TIME | 0,22 s. |



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