

Application news



Marking Cardboard box



Marking Plastic Relays for Electronics



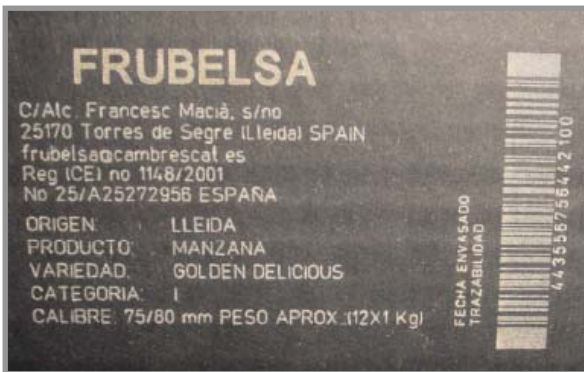
Marking plastic components for lavatory

MACSA™ lasers are used for coding and marking products made from a range of materials including paper, cardboard, plastics (including PET and PVC), glass, many metals and wood. High quality messages and graphics are produced at minimal production costs, often at high speed. Applications News provides a regular summary of the products which are coded and marked by Macsa lasers: every day and world-wide.

Marking Cardboard box

We get excellent results with high definition and contrast marking on a cardboard box.

This is a good example to show how to mark readable barcodes.



MATERIAL	LASER	LENS	SCANNERS	MODE	POWER	TIME
Cardboard	K-1030 PLUS	100x100	3000 mm/sec.	Static	100%	1,97 sec.
Cardboard	K-1030 PLUS	100x100	2500 mm/sec.	Static	100%	2,21 sec.
Cardboard	K-1030 PLUS	100x100	2500 mm/sec.	Static	100%	1,92 sec.

Marking Plastic Relays for Electronics

We have achieved excellent results in our tests marking with a K-1010 laser on a plastic relay.

Marking with laser guarantees an indelible mark, this is extremely important for electronics components that are constantly in contact with dust.



MATERIAL	LASER	LENS	SCANNERS	MODE	POWER	LINE SPEED
Plastic	K-1010 PLUS	35x35	1000 mm/sec.	Static	80%	0,12 sec.

Marking plastic components for lavatory

We have achieved excellent results with high contrast in our tests marking with a K-1010 laser on plastic components for lavatory.

This is a good example to show the permanent laser mark for products that are constantly in contact with water.



MATERIAL	LASER	LENS	SCANNERS	MODE	POWER	TIME
Rubber	K-1010 PLUS	100x100	200 mm/sec	Static	100%	0,45 sec.
Rubber	K-1010 PLUS	100x100	240 mm/sec	Static	100%	0,38 sec.
Rubber	K-1010 PLUS	100x100	280 mm/sec	Static	100%	0,33 sec.

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