

Application news



Marking Oil Bottles



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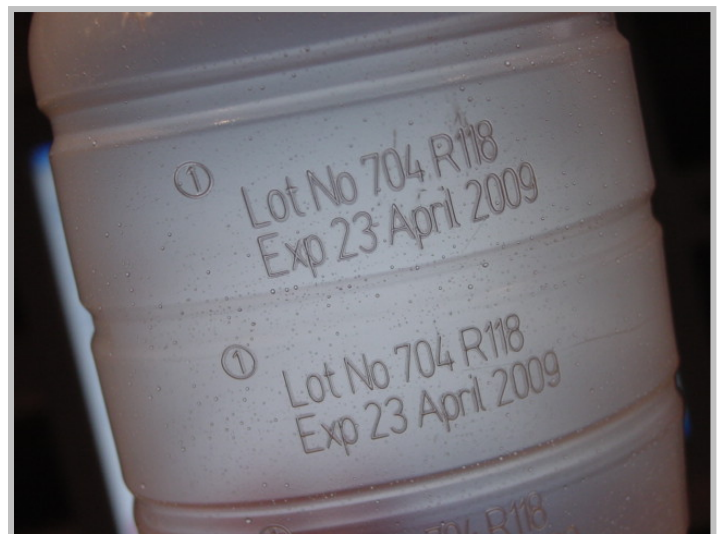
Marking Oil Bottles

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 Oil Bottles

This application requires a powerful laser in order to get deep marking on the material.

Two 6mm long text lines have been marked at 4m/min and a very good contrast has been achieved.



MATERIAL	LASER	LENS	SCANNERS	MODE	POWER	TIME
Polypropelene	K-1030 PLUS	60x60	350 mm/sc	Dynamic	100%	1,33 sec.
Polypropelene	K-1060 PLUS	60x60	350 mm/sc	Dynamic	100%	1,29 sec.

Marking Perfume Bottles

By marking on this glass bottle, we achieve a very good contrast thanks to the darkened degradation of the glass.

We can get thinner marking by using a 60*60 lens and reducing the laser power to 50%.



MATERIAL	LASER	LENS	SCANNERS	MODE	POWER	LINE SPEED
Glass Bottle	K-1010 SP	60x60	2000 mm/sec.	Static	50%	0,41 sec.

Marking Plastic Component

Our YAG D-5010 laser allows maximal contrast on black plastic.

By increasing frequency to 60KHz, the material produces a peculiar reaction which results in higher contrast



MATERIAL	LASER	LENS	SCANNERS	MODE	POWER	TIME
Plastic	D-5010 CP	100x100	1000 mm/sc	Static	100%	3,46 sec.

Contact us:

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