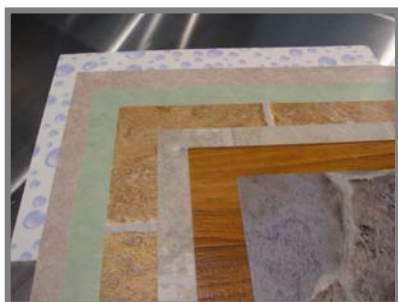


Application news



Marking Floor covering



Vegetables marking



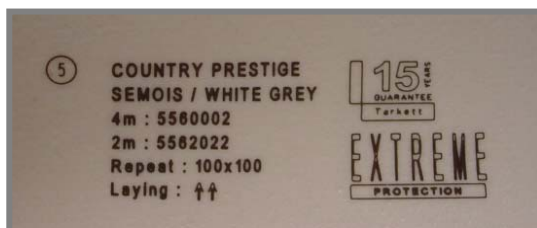
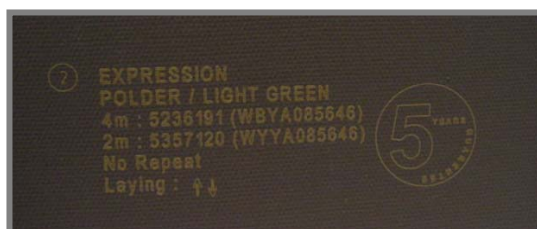
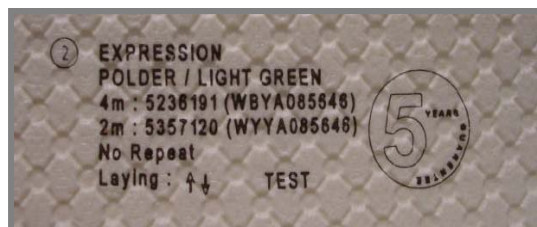
Punching Feeding Bottle nipples

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.

Floor covering marking

With this application we have been required to mark some references at the shortest time.

With the 60W SHS CO2 laser, we can mark on the inside, on different materials including PVC in less than a second.



MATERIAL	LASER	LENS	SCANNERS	MODE	POWER	TIME
Plastic PVC	K-1060 PLUS SHS	100x100	2.000 mm/sec	Static	100%	0,83 sec.
Plastic PVC	K-1060 PLUS SHS	100x100	2.500 mm/sec	Static	100%	0,64 sec.

Vegetables marking

This application requires marking a reference on different vegetables.

Marking with the CO2 laser, we manage to cauterize on the different peels obtaining a good contrast.

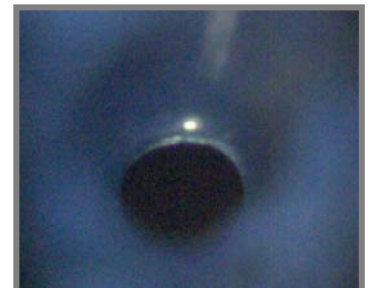


MATERIAL	LASER	LENS	SCANNERS	MODE	POWER	TIME
Vegetables	K-1030 PLUS	100x100	3.000 mm/sec	Static	100%	0,36 sec.
Vegetables	K-1030 PLUS	100x100	5.000 mm/sec	Static	100%	0,31 sec.

Punching a Feeding Bottle nipples

We need to punch a 0,28 mm-hole.

With the CO2 laser and using 60x60 lenses, we achieve a cut so intense and accurate which allow us to punch the material.



MATERIAL	LASER	LENS	SCANNERS	MODE	POWER	TIME
Rubber	K-1030 PLUS	60x60	5 mm/sec	Dynamic	100%	0,03 sec.
Rubber	K-1030 PLUS	60x60	10 mm/sec	Dynamic	100%	0,01 sec.

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