



# DOTlaser Flexible Engraving Laminate

The DOTlaser Flexible Engraving Laminate is a UV stable micro-surfaced impact acrylic sheet, which is suitable for exterior use. Any size (up to 610 x 610mm), shape and quantity of our DOTlaser FEL engraved labels can be made to order at our in-house production facility or manufactured on site using the DOT-LEM35 Laser Engraving Machine. The flexible alternative to the DOT-REL Rigid Engraving Laminate.

The material was tested for flammability by Underwriters Laboratories and is rated 94 HB on the UL 94 test. The material was judged as not contributing to the combustion of the base material. The DOTlaser FEL has an operating temperature range of -40° to +80° Celsius and can be applied at temperatures as low as +5° Celsius. This gives a wide range of conditions under which the DOTlaser FEL can be used.

The adhesive combines a very high level of adhesive peel and shear performance and has a continuous operating temperature of 93°C (199°F). The adhesive used on the DOTlaser FEL provides good adhesion to both high and low surface energy substrates and has very good UV resistance, as well as, good resistance to both solvents and plasticisers. The excellent initial tack ensures that a bond of good integrity is achieved soon after application.



## DOTlaser Flexible Engraving Laminate features & benefits:

- Ability to engrave 2D, QR, code 39 and code 128 barcodes
- UV stable material suitable for exterior use
- DOTlaser FEL rated 94 HB on the UL 94 flammability test
- Superior, high performance self-adhesive backing
- Precision engraving accurate to 1/10th of a millimeter
- Company logos easily engraved onto any label
- Any size (up to 610 x 610mm) and any shape - with or without fixing holes
- Labels engraved on sheets - easy to sort, quick to apply and fewer lost labels
- Extensive selection of both colour combinations and thicknesses available



Colours	Sheet Sizes	Thicknesses
White with Black Text	610 x 610mm / 406 x 305mm	1.6mm & 3.2mm
Black with White Text	610 x 610mm / 406 x 305mm	0.8mm, 1.6mm & 3.2mm
White with Red Text	610 x 610mm / 406 x 305mm	0.8mm, 1.6mm & 3.2mm
Red with White Text	610 x 610mm / 406 x 305mm	0.8mm, 1.6mm & 3.2mm
White with Blue Text	610 x 610mm / 406 x 305mm	1.6mm
Blue with White Text	610 x 610mm / 406 x 305mm	0.8mm, 1.6mm & 3.2mm
Yellow with Black Text	610 x 610mm / 406 x 305mm	0.8mm, 1.6mm & 3.2mm
Green with White Text	610 x 610mm / 406 x 305mm	0.8mm, 1.6mm & 3.2mm



Other colours and sheet sizes available on request, please contact us for further information.

## DOTlaser Flexible Engraving Laminate Labelling Service

Any size (up to 610 x 610mm), shape and quantity of our DOTlaser engraved labels can be manufactured to order and delivered direct to site. Simply send the label information electronically, in either Excel or Word, to our in-house production facility and, dependent on quantity required, delivery should take place within 24 - 48 hours. Information can be typed from drawings by arrangement.

