



Equipment & products



**Sign**

**THERMOFLAN**

# Just give a 3D effect to your prints :

## DOMING resin & equipments

The application of a "dome" of clear resin makes the image resistant to scratches, dust, liquids, impacts... and produces an elegant and eye-catching 3-D result. Easy, fast and safe. Images are enhanced for a very small additional price. Doming can be made on any shape (square, round, oval..) and many substrates (adhesive materials, metal...)

### Applications :

- Industry : trademarks, company logos ...
- Promotional items : key rings ...
- Presents , souvenirs : plates...
- Textile : caps, luggage ...
- Cars : tuning, lettering ...
- Signage : lettering ...



**Our doming system is unique on the market, versatile and maintenance free, allowing to produce a few samples in minutes or thousands of labels in a few hours. Thanks to their simple technology, our machines are reliable, easy to use and inexpensive.**

### How to dom labels in a few steps

(Non contractual photos)

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**1** Label design
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**2** Printing : screen printing, digital printing, laser or ink jet printer ...
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**3** Cutting : plotter, CO2 laser
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**4** Resin / hardener mixing
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**5** Resin is applied on labels
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**6** Finish products

### Polyurethan resin :

To create a very elegant appearance and get value-added graphics, panels, labels, decals...

Doming can be made on Abs, vinyl, polyester, polystyren, polycarbonate... as well as all materials coming from graphic industry.

When applied, the resin flows out until it hits the part's edge and stops at this point, producing a glass-like, plastic resin bubble acting as a lens.

Resin is non-toxic and requires no curing equipment. Several grades are available, with different fluidities and flexibilities to meet application requirements.



### Mixer-degaser

To thoroughly mix polyurethan resin and hardener before they are applied on labels. Both components, from 60 to 400 gr, are mixed in less than 5 minutes.

Mixing and degassing are set and controlled by digital timer.

Alarm when mixing is completed.

Disposable containers to mix both components.

Easy to use, no special maintenance required.



### Dispenser

Easy to use to dome any form of label, in small or large series, simply and intuitively, by manual or automatic control of the quantity of dispensed resin

Automatic digital model with 3 operating modes:  
**manual:** Amount of dispensed product is controlled by a more or less long press on the pedal.

**semi automatic:** dispensing time is set to correspond to a label volume

**automatic:** time is set to dispense a label volume + interval before next label

Very innovative, it includes a "Teach" function taking into account the quantity of resin poured by operator and repeating the same quantity after validation. This "Teach" mode is also applicable for intervals, repeating pouring time defined during operator's gesture.

It also includes an anti-drop system by venturi effect preventing resin from flowing between 2 applications.

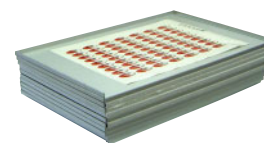


NOTE: the applicator requires an air compressor.

### Drying rack

This is an important accessory for quality results.

Rigid and superimposable, it maintains labels flat to prevent resin from running to one side and protect them from dust when cured.



### Drying oven (Optional)

Meant for curing domed labels, it increases production speed.

It includes 10 drying racks and it is equipped with a temperature indicator.



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