

Most plastics do not generally present a problem for the application of vinyl. However certain types of plastic substrate may present a problem as follows.

Flexible PVC (Banner)

Flexible PVC's such as banners and vehicle curtain sides gain their flexibility from the use of plasticizers, which are prone to migration, causing distortion of applied vinyl graphics. Use MetaFlex for application to banners, or curtain grade film for curtain sides.

Polycarbonates

Polycarbonates are prone to out-gassing and this gas can become trapped underneath the vinyl, forming unsightly bubbles. It is not generally recommended to apply vinyl to Polycarbonate but if you wish to do so, test a sample to see any bubbles forming after 24 hours. If no bubbles form, the application may be ok.

Polypropylene

These are 'low energy' plastics, and adhesion may be limited. Metamark MDP-H offers a high grab for application to low energy plastics.

GRP

GRP can continue to outgass, causing vinyl graphics to bubble - check to ensure that the material is completely cured. Also ensure that the wax film used as a mould release agent is fully cleaned off.

Galvanised Steel

Prepare the surface well enough to provide good contact: Potential Issues are whether there is a white film of zinc corrosion on the surface that should be cleaned off, or whether it is new enough to have an chemical protective coating still on it from the manufacturers.

For further technical support email technical@metamark.co.uk or call +44 (0)1483 571111

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