

What's HydroGraphiX?

HydroGraphix or Hydrographics, also known as immersion printing, water transfer printing, water transfer imaging, cubic printing, or hydro dipping, is a method of applying printed designs to nearly any three-dimensional object... The hydrographix process can be used on metal, plastic, glass, hard woods and nearly any other item which can stand immersion into water without damage...

In the normal process, the piece to be printed is cleaned; primed and a base coat is applied... A special polyvinyl alcohol film is printed with the graphic image to be transferred and is then floated on the surface of a vat of water... An activator chemical is sprayed on the film to dissolve it into a liquid and activate a bonding agent. The piece is then slowly lowered into the vat, through the floating ink layer, which wraps around and adheres to it... After removing the piece from the water, the piece is allowed to dry and a top coat of clear sealer is spray applied to protect the design...

HydroGraphiX printing can achieve full 360° coverage of the parts surface, including small crevices and extreme curves...

