



How to use:

Important note: to sublimate the image it is necessary to use a vacuum frame equipped with infrared lamps or convection heat.

- The image is first printed onto PoliJet 3D sheet with an inkjet printer or plotter using dye sublimation inks; such printer should be equipped with a RIP and an appropriate ICC profile.
- The printed sheet of PoliJet 3D is mounted onto the frame, pre-heated for a few seconds in order to soften and subsequently lowered down onto the object to be decorated; with the activation of the vacuum system PoliJet 3D is adhered perfectly to the surface of the object.
- The sublimation process is activated by applying high temperatures (150-190 C°): the ink changes from a solid to a gas and penetrates the surface of the object.
- The curing time depends on the dimensions of the object and the quantity of ink to be transferred. After being cured, the PoliJet 3D is removed leaving a colorful and scratch resistant surface.

PoliJet 3D is now available in two styles

PoliJet 3D Clear -- A translucent material

This is more suitable for hand registration. Items can be seen through the media. Excellent with IR or convection heat.

PoliJet Gold 3D -- A metalized material

This media has a gold finish which is more resistant to heat and can operate at higher temperatures causing a shorter sublimation time. Works with IR or convection heat.

Advantages of PoliJet 3D:

- a balanced thermo-formable base ensuring:
 - a perfect contouring of the objects to be printed with a limitless choice of shapes.
 - a precise positioning of the image in all areas of the object
- the use of the digital printing process enables:
 - the personalized decoration of each single piece.
 - a reduced cost of the pre-press setup.

Thickness	Weight	Printability	Transfer Temp.	Printable substrates	
mic.	g/m2	inks	C°	Untreated	Treated
170	225	dye sublimation	150-190	PA, PTB, Polycarbonate	Aluminum, steel, glass, ceramic, etc. (with a polyester varnish primer)