TECH-FILMS
POLICROM

Films for object decoration

Thermoformable films for the decoration of three-dimensional objects

POLIJET 3D, developed for the decoration of three-dimensional objects, is highly thermoformable and ensures perfect adhesion to any object; the 3D treatment holds the ink and releases it without altering the image resolution.

THESE ARE THE UNIQUE ADVANTAGES OF POLIJET 3D FILMS:

- Thanks to its thermoformability it ensures perfect adhesion to objects with irregular shapes and with narrow recesses, unlike transfer paper
- Thanks to the digital printing technique it ensures excellent printing results on details and flexibility in use, when compared to pad printing

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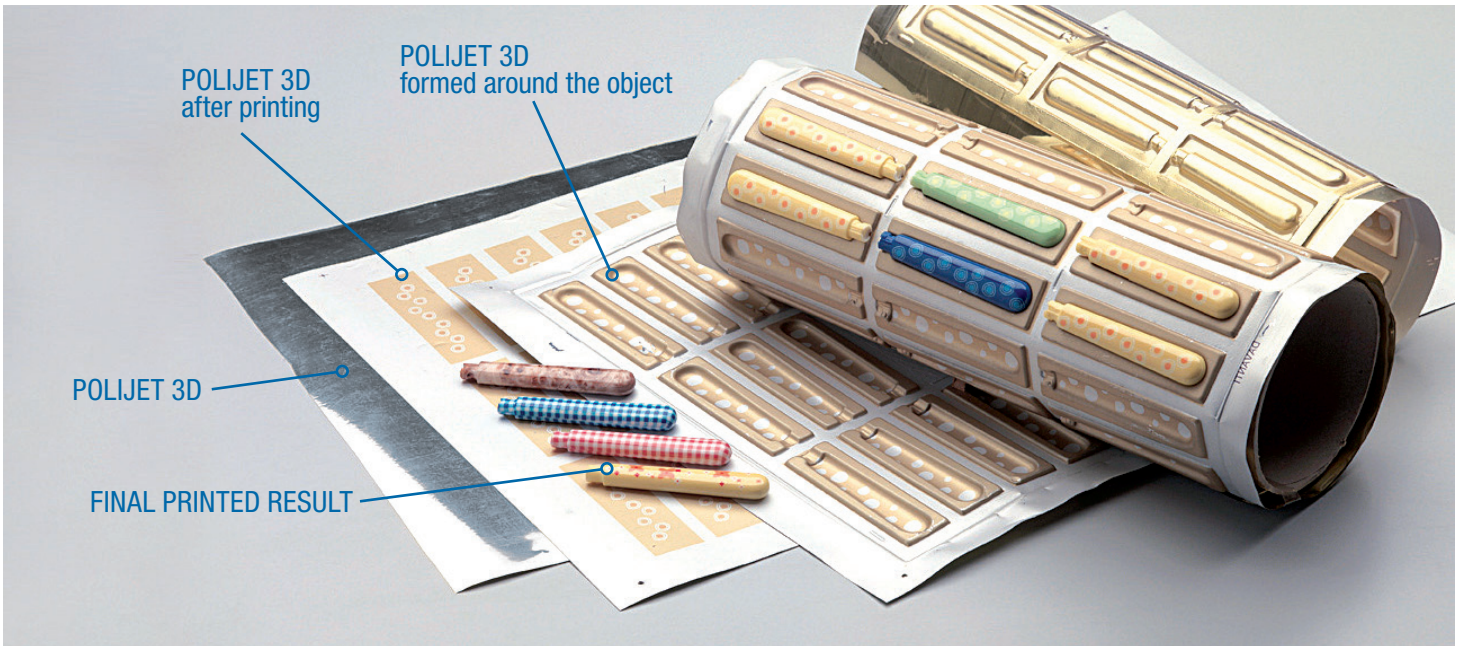

Films designed to transfer any graphic image onto any 3D object in three steps:

1) The image is first printed onto the film

2) The printed film is inserted in a frame, heated (with an industrial IR or convection oven) until soft and then vacuum-formed onto the object

3) The film-wrapped object is heated up to 160°C to activate the image transfer (by sublimation) onto its surface.

POLIJET 3D is a range of metallized, thermoformable PET films, specifically treated (grey side) for printing and transferring of sublimation inks. It uses ink jet printing technology and a sublimation transfer technique that applies heat and vacuum. It is compatible with nylon, PET and Corian, and can be used with any heat-resistant material (min. 140°C when supported by a counter-mould) pre-coated with a PET-based layer.

TYPE	SIZE	CORE
ROLL	297 mm x 40 m	76 mm
ROLL	400 mm x 40 m	76 mm
ROLL	410 mm x 40 m	76 mm
ROLL	600 mm x 40 m	76 mm
SHEET (100/box)	210 mm x 297 mm	-
SHEET (100/box)	297 mm x 420 mm	-

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