




POLIJET 3D RS

technical data sheet

DESCRIPTION	APPLICATION	FEATURES
<p>Metallized, thermoformable PET film, specifically treated (grey side) for the printing and the transfer of sublimation inks</p> 	<ul style="list-style-type: none"> Developed for 3D object decoration. It uses ink-jet printing technology and a sublimation transfer technique that applies heat and vacuum. Compatible with Nylon, PET and Corian, it can be used with any other heat-resistant (min 140°C) material, previously coated with a PET-base coating 	<ul style="list-style-type: none"> Excellent thermoforming The 3D treatment holds the ink and releases it without altering the image resolution The RS treatment is specially designed to minimize the presence of air bubbles during the vacuum process

INSTRUCTIONS OF USE
<ol style="list-style-type: none"> Print as mirror image with standard linearization (= 100% ink limit) Dry the film as needed at a temperature not exceeding 50 °C. pre-heat the film 15 to 20 sec, then transfer under vacuum at a temperature of 140 to 160 °C for 5 to 10 minutes depending on the type of oven used

PHYSICAL AND MECHANICAL PROPERTIES

Property	Test method	Unit	Average value
Nominal thickness	ASTM D 374	µm	240
Transfer temperature	-	°C	140-160
Colour	Printable side		Grey rough surface
	Back side		Silver

APPLICATION PROPERTIES

APPLICATION DATA	PRINTABLE SUBSTRATES
Untreated	PA, PET, PBT, PE
Treated with polyester varnish primer	Aluminium, steel, glass, ceramic, wood

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