

# Technical Data Sheet

**Product: Polyjet Valkoinen**

## Product Description:

High-quality, reach conform polymeric PVC film, suitable for colour intensive and brilliant prints for long-term advertisement both indoor and outdoor. Conformable Polymeric film suitable for use in curved surfaces and long term outdoor prints. High adhesion to a wide variety of substrates including varying plastics , foamex, glass and alluminium. Excellent printing performance on a wide variety of solvent, eco-solvent , latex and UV digital print machines

## Product structure:

<b>Support</b>	PVC-film, white, 80 µm
<b>Interliner</b>	Release paper, PE-coated, white, 140 g/m <sup>2</sup>
<b>Adhesive</b>	pure polyacrylic , permanent, transparent, pH neutral, Solvent free
<b>Total Thickness</b>	0,10 mm
<b>Adhesive weight</b>	20 g/m <sup>2</sup>

## Characteristics:

		Average Value	Test Method
<b>Adhesion on steel:</b>	(after 20 min.)	8 N / 25mm	AFERA 5001
<b>Adhesion on steel:</b>	(after 24 h)	16 N / 25mm	AFERA 5001
<b>Dimensional Stability:</b>	MD	< -3 %	FTM 14
<b>Dimensional Stability:</b>	CD	< 0 %	FTM 14
<b>Flammability:</b>	On aluminium	self-extinguishing	DIN 75200

**Environmental Performance:**

**Chemical resistance:**

Conditions	Appearance
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24h at room temperature and 4h in propanol	no change
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24h at room temperature and 48h in water	no change
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**Temperature resistance:**

Conditions	Appearance
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24h at room temperature and then 24h at 80°C	no change
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24h at room temperature and then 24h at -40°C	no change
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**Humidity resistance:**

Conditions	Appearance
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24h at room temperature and then 24h at 38°C and 98% humidity	no change
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<b>Application temperature:</b>	min. 10°C
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<b>End-Use Temperature range:</b>	from -40°C to +90°C
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<b>Shelf life:</b>	2 years (see application information)
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<b>Durability:</b>	7 years
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The estimated durability is based on accelerated ageing tests and refers to a vertical exposure under middle European climates. The durability of the product depends on the substrate's preparation, the atmospheric conditions and the environmental influence. Exposure to extreme conditions (tropical climate, high humidity, high UV-light exposure or polluted areas) can decrease the durability in a dramatically way.

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