

Preliminary Technical Data Sheet

Product: Polyjet HOP AIR

Product Description:

High-quality, REACH and RoHS 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 aluminium. Excellent printing performance on a wide variety of solvent, eco-solvent, latex and UV digital print machines. The film has a high opacity with a transparent adhesive.

Product structure:

Support	PVC-film, white, 80 µm
Interliner	PE-coated paper, single side siliconized, white, fine structured, 140 g/m ²
Adhesive	pure polyacrylic, permanent, transparent
Total Thickness	0.1 mm
Adhesive weight	20 g/m ²

Characteristics:

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

Environmental Performance:

Chemical resistance:

Conditions	Appearance
24h at room temperature and 4h in propanol	no change
24h at room temperature and 48h in water	no change

Temperature resistance:

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

Humidity resistance:

Conditions	Appearance
24h at room temperature and then 24h at 38°C and 98% humidity	no change

Application temperature:	min. +7°C
End-Use Temperature range:	from -40°C to +90°C
Shelf life:	2 years (see application information)
Durability:	7 years

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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