

## OPEN AIR

Easy applicable, bubble-free application.

### COMPOSITION OF FABRIC

Monomeric REACH and RoHS compliant PVC film suitable for use in a wide variety of applications with flat and slightly curved surfaces with a semi-permanent adhesive. Suitable for colour intensive and brilliant prints for short to medium term advertisement both indoor and outdoor. 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 print machines. The applicability with Latex and UV printing machines has to be tested before large printing jobs if the bubble free applicability works. The grey coloured adhesive increases the opacity to give high hiding power, while the bright whiteness of the printing surface is maintained. The bubble-free application just functions, if the vinyl is after printing not overlaminated.

### PRODUCT STRUCTURE

Support	PVC film, 100 µm, white, glossy
Interliner	One side siliconised surface-coated paper, white, 120 g/m <sup>2</sup>
Adhesive	Pure polyacrylic, semi permanent, grey
Total thickness	0,12 mm
Adhesive weight	20 g/m <sup>2</sup>

### CHARACTERISTICS

	Average value	Test method
Adhesion on steel (after 20 min.)	4 N / 25mm	AFERA 5001
Adhesion on steel (after 24 h)	6 N / 25mm	AFERA 5001
Dimensional stability MD	< -2.7 %	FTM 14
Dimensional stability CD	< 0 %	FTM 14
Flammability on aluminium	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 140 °C	no change
Humidity resistance	
Conditions	Appearance
24h at room temperature and then 24h at 38 °C and 98% humidity	no change

## DATASHEET

Application temperature	min. 10°C
End-use temperature range	from -40°C to +80°C
Shelf life	2 years (see application information)
Durability	4 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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