

# Preliminary Technical Data Sheet



## ATP Print

**Product: GP- 410 wm g**

### Product Description:

Monomeric REACH compliant PVC film suitable for use in a wide variety of applications with flat and slightly curved surfaces. 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 latex and UV digital print machines. The grey coloured adhesive increases the opacity to give high hiding power, while the bright whiteness of the printing surface is maintained.

### Product structure:

<b>Support</b>	PVC film, 80µm, white, matt
<b>Interliner</b>	One side siliconised surface-coated paper, white, 120 g/m <sup>2</sup>
<b>Adhesive</b>	pure polyacrylic, permanent, grey
<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)	11 N / 25mm	AFERA 5001
<b>Dimensional Stability:</b>	MD	< -2.7 %	FTM 14
<b>Dimensional Stability:</b>	CD	< -3 %	FTM 14
<b>Flammability:</b>	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

### Application temperature:

min. 10°C

### End-Use Temperature range:

from -40°C to +80°C

### Shelf life:

2 years (see application information)

### Durability:

2 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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