

# Preliminary Technical Data Sheet



## ATP Print

**Product: GP- 410 P wm g AE**

### Product Description:

High-quality, REACH and RoHS compliant, 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. Semipermanent 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 airchannels in the adhesive layer leads to a bubble-free application and the vinyl can be applied without any water. The grey coloured adhesive increases the opacity to give high hiding power, while the bright whiteness of the printing surface is maintained.

### Product structure:

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

### Characteristics:

		Average Value	Test Method
Adhesion on steel:	(after 20 min.)	8 N/25mm	AFERA 5001
Adhesion on steel:	(after 24 h)	11 N/25mm	AFERA 5001
Dimensional Stability:	MD	max. -3 mm	FTM 14
Dimensional Stability:	CD	max. 1.5 mm	FTM 14
Flammability:		self-extinguishing	DIN 75200

**ATP adhesive systems AG**  
Sales International, R&D  
Sihleggstr. 23, Postfach 127  
CH - 8832 Wollerau  
Telefon: +41(0)43/888-1515  
Telefax: +41(0)43/888-1510  
Email: info@atp-ag.ch

More Information can be found on:  
[www.atp-ag.com](http://www.atp-ag.com)

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**ATP adhesive systems GmbH**  
Vertrieb Deutschland  
Eichenhofer Weg 71  
D - 42279 Wuppertal  
Telefon: +49(0)2339/909-750  
Telefax: +49(0)2339/909-506  
Email: info@atp-ag.com

## 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. 0 °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.

pleased to give advice about suitability tests on original materials.

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