

# Technical Data Sheet



## ATP Guard

**Product:** GL- 410 G

### Product Description:

High-quality monomeric glossy REACH compliant PVC for cold lamination and protection of printed media. Suitable for short to medium term indoor and outdoor applications. Furthermore this laminate can be used to protect UV printed medias. Furthermore this laminate can be used to protect UV printed medias.

### Product structure:

Support	PVC-film, 70µm, transparent
Interliner	One side siliconised surface-coated paper, white, 63 g/m²
Adhesive	pure polyacrylic , permanent, transparent
Total Thickness	0,1 mm
Adhesive weight	30 g/m²

### Characteristics:

		Average Value	Test Method
Adhesion on steel:	(after 24 h)	11 N / 25mm	AFERA 5001
Dimensional Stability:	MD	< -3 %	FTM 14
Dimensional Stability:	CD	< 1.5 %	FTM 14
Gloss Units 60°:		~80 GU	DIN EN ISO 2813
Flammability:	On aluminium	self-extinguishing	DIN 75200

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## 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

<b>Application temperature:</b>	min. 8°C
<b>End-Use Temperature range:</b>	from -40°C to +80°C
<b>Shelf life:</b>	2 years (see application information)
<b>Durability:</b>	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.

All our products are subjected to a strict quality control by our QM-System, which is in accordance with ISO/TS 16949, DIN EN ISO 9001 and DIN EN ISO 14001. The information is based on our present knowledge and our experience. Because of the large number of possible influences during the processing and application of our products, this information does not release the user from the obligation to conduct his own tests and trials. Users of our products are responsible for observing any patent rights that may exist and for following existing regulations. Our applications technology section is always pleased to give advice about suitability tests on original materials.