

ATP Guard

Product: GL- 412

Product Description:

High quality, structured REACH and RoHS compliant, soft PVC film for surface protection for floor advertising or POP-UP displays. Complies with the German slip resistance test DIN 51130 (R9). For using as an anti-slip lamination film the current version of the German work Rules for Workplaces (ASR) are necessarily to take note of and be aware of that. The areas of application specified therein are decisive for the application. Highly recommended to make users and end customers aware of the relevant ASR. It is also possible to protect / refine UV printing with this laminate.

Product structure:

Support	PVC-film, 100 µm, transparent
Interliner	One side siliconised surface-coated paper, white, 63 g/m ²
Adhesive	pure polyacrylic , permanent, transparent
Total Thickness	0.12 mm
Adhesive weight	30 g/m ²

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
Flammability:		B1	DIN 4102

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. +8°C
End-Use Temperature range:	from -40°C to +80°C
Shelf life:	2 years (see application information)
Durability:	3 months floor graphic (indoor applications)

The estimated durability is based on accelerated ageing tests and refers to a vertical and horizontally 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 high polluted areas) can decrease the durability in a dramatically way.

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