

Preliminary Technical Data Sheet



ATP Guard

Product: GL- 520

Product Description:

High quality, structured REACH and RoHS compliant, soft PP film for surface protection for floor advertising or POP-UP displays. Complies with the slip resistance test DIN 51130 (R10). For using as an PVC free 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	PP-film, 170 µm, structured
Interliner	Glassine Paper, white, 63 g/m ²
Adhesive	pure polyacrylic , permanent, transparent
Total Thickness	0.2 mm
Adhesive weight	30 g/m ²

Characteristics:

		Average Value	Test Method
Adhesion on steel:	(after 24 h)	10 N/25mm	AFERA 5001
Dimensional Stability:	MD	max. 0.2mm	FTM 14
Dimensional Stability:	CD	max. 0.2mm	FTM 14
Flammability:			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 -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. +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.

All our products are subjected to a strict quality control by our QM-System. 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.



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