

ATP Print

Product: GP- 412 wm

Product Description:

Monomeric REACH and RoHS 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

Product structure:

Support	PVC film, 100 µm, white, matt
Interliner	One side siliconised surface-coated paper, white, 120 g/m ²
Adhesive	pure polyacrylic, permanent, transparent, pH neutral, Solvent free
Total Thickness	0,12 mm
Adhesive weight	20 g/m ²

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	< -2.7 %	FTM 14
Dimensional Stability:	CD	< 0 %	FTM 14
Flammability:	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 -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:

4 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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