Reflective Monomeric 150µ PVC Film - TAG Digital®

TECHNICAL DATA SHEET

Description :

The **Reflective Monomeric 150µ PVC Film - TAG Digital®** is a multi-purpose retro-reflective film that features glass bead technology, ideal for numerous signage, advertising and events applications.

Characteristics:

With a thickness of 150µ, the **Reflective Monomeric 150µ PVC Film - TAG Digital®** offers an excellent strength and durability while maintaining high flexibility.

The permanent solvent adhesive guarantees secure adhesion to a variety of surfaces. It is protected by 120 gr/m² siliconized release paper.

Printing:

The **Reflective Monomeric 150µ PVC Film - TAG Digital®** can be printed with digital and silk screen inks.

Certifications:

None

Use of the product:

The presence of solvent components in the inks can soften the film and make it stretchable, therefore we recommend a drying time of about 24 hours before lamination or placement. Without proper drying, solvent vapors can cause application difficulties and impair the adhesion to the substrate.

Notes:

Do not bring into contact with products containing solvents or ammonia. Thoroughly clean the glass before application. For a bubble-free result, the film must be applied with water.

Durability:

The maximum recommended duration of use is 2 year.

Removability of the adhesive on glass: 1 year at 23-25°C. Adhesion of the adhesive increases with time.

Storage:

1 year - between 15 and 25°C and 45 to 55% humidity in the original box.

Adhesion:

Adhesive strength 180° (FTM 1): 12 N/25 mm +/- 1N/25 mm

Instant Adhesion (FTM9): 7 N/25 mm +/- 1N/25 mm

Final adhesion after 24 hours.

Adhesion temperature: 10° to 40° C

Temperature of use: -20°C to 60° C

Color Chromaticity:

Standard light source: D65	Observation condition: 45/0	Observation angle: 2 degree

	Color Chromaticity								Luminance Factor
Color	X	Y	X	Y	X	Y	X	Y	
White	0.350	0.360	0.300	0.310	0.285	0.325	0.355	0.375	≥0.27
Yellow	0.545	0.454	0.464	0.534	0.427	0.483	0.487	0.423	0.16---0.40
Red	0.690	0.310	0.658	0.342	0.569	0.341	0.595	0.315	0.03---0.10
Green	0.007	0.703	0.026	0.399	0.177	0.362	0.248	0.409	0.03—0.10
Blue	0.078	0.170	0.137	0.038	0.210	0.160	0.150	0.220	0.01---0.10

Product reference:

Reflective Monomeric 150µ PVC Film	**1,24 x 25 m**	RFLX-PVC-150-124025

Note:

The information in this data sheet is based on laboratory tests and experience gained in practice. It does not constitute a legal guarantee. A test prior to use must be carried out.

Durability is estimated based on exposure conditions in Central Europe. The actual life of the product depends on substrate preparation, exposure conditions and maintenance of the marking. Outdoor performance degradation can be expected when the films are exposed southward, if applied in areas with high temperatures such as Southern European countries, or in polluted areas.