DATA SHEET SI 414

SI 414

Highly white rigid vinyl film for pop-up displays, single side satin coated, printable with solvent- and LED-UV-inks.

PROPERTIES

- scratch-resistant
- brilliant colour reproduction
- high opacity

SUPPLY

Rolls 914 mm x 20 m.
1067 mm x 20 m.
1270 mm x 20 m.

TECHNICAL DATA

BASE MATERIAL	TEST METHOD	VALUE
Thickness / Grammage base film	Regulus Method AA72	0,330 mm
Thickness / Grammage coated film	Regulus Method AA72	0,350 mm +/- 0,005mm
Thickness / Grammage compound	Regulus Method AA72	510 g/m² +/- 5g/m²

OPTICAL	TEST METHOD	VALUE
Opacity	Regulus Method Techkon RT 120	~ 99,8%

STORAGE

Store opened packages at a room temperature of 15 - 25°C and a humidity of 30 - 60%.
Storage time 1 year after delivery (under the specified storage conditions)

QUESTIONS ABOUT THE PRODUCT

Please always state the batch number (label in the core of the roll) if you have any questions about this product. Without the batch number we will be unable to answer your questions or process complaints

Regulus Coating GmbH ▪ Paul-Gossen-Str. 114 ▪ D-91052 Erlangen ▪ Tel. +49 9131 3002-0 ▪ www.folex.com

NOTES FOR PRINTABILITY

SOLVENT INK

Before further processing, the residual solvents contained in the printing surface must be completely dried out. Sufficiently long drying times must therefore be taken into account. The drying of the printed medium is strongly dependent on the amount of solvent used (ink application). When printing the film in a roll-to-roll process, the printed film must be unrolled as quickly as possible until it is completely dry. Solvent residues, caused by too short drying times, can lead to blocking and shiny spots in the rolled state. Therefore the correct printing speed, temperature of the ink drying and the ink limit must be determined by means of a test print before the production run. During lamination / laminating, solvent residues can also have a negative effect on the quality of the finished product (flatness, shrinkage, anchoring, etc.).

UV-INK

Elastic UV inks should be used for printing. Hard ink systems are not recommended because they can have a tendency to break / splinter the ink layer after printing and during further processing.

In addition, care must be taken to set the UV curing correctly to avoid deformation of the film due to the heat generated by the UV lamps.

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