Silvinile 140/R

Technical Data Sheet
September 2019

DESCRIPTION

Soft PVC film 80 micron for screen printing, available in various colors.

LINER

Silicone-coated paper 135 g/sq. m
Double PE-coated paper, plus silicone on one side 145 g/sq. m, available on request with MOQ.

ADHESIVE

Polyacrylate, removable, transparent.

APPLICATION

Suitable for industrial and advertising labels and recommended for application on curved and uneven surfaces. Easy to remove. Printable by screen printing, offset and UV-offset processes.

TECHNICAL DATA

THICKNESS*	80 micron
DIMENSIONAL STABILITY (FINAT TM 14)	Adhered to steel, no shrinkage in cross direction, in length 0,4 mm max.
TEMPERATURE RESISTANCE***	Adhered to aluminum, -40° C to +80° C, no variation
FIRE BEHAVIOR (DIN 75200) FIRE RATING	Adhered to steel, self-extinguishing ASTM E 84-07 Class "A"
WATER RESISTANCE	Adhered to aluminum, -after 48h/23°, no variation
ADHESIVE POWER* (FINAT TM 1, after 24h, stainless steel)	< 6 N/25mm
TENSILE STRENGTH (DIN EN ISO 527)	Along: min. 19 MPa Across: min. 19 MPa
ELONGATION AT BREAK (DIN EN ISO 527)	Along: min. 130% Across: min. 150%
SHELF LIFE**	24 months
SUGGESTED APPLICATION TEMPERATURE	From 10 °C up to 35 °C
SERVICE LIFE BY SPECIALIST APPLICATION (under vertical outdoor exposure***)	3 years (*not printed*)

** Average ** In original packaging, at 20° C and 50% relative humidity *** Normal climate of Central Europe*

NOTE

After printing, the ink must be allowed to thoroughly dry, in order to avoid any issues when later combined with the laminate. Surfaces to which the material will be applied must be thoroughly cleaned and free from dust, grease or any other contamination that could affect the adhesion of the material. The print should be dried for at least 24 hours, to be completely dry, before lamination. Freshly lacquered or painted surfaces should be allowed to dry for at least three weeks and to completely cure. The compatibility of selected lacquers and paints should be tested by the user, prior to application of the material.

SAFETY AND DISPOSAL

To be classified as "special industrial, not dangerous, waste" and therefore to be disposed of with urban solid waste at controlled waste dumps or incinerators.

We guarantee that our self-adhesive material are supplied in compliance with the REACH Regulation and the RoHS Directive.

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