ORAJET® 3551RA

Description
Polymeric PVC film, available in white with a glossy or matt surface

Release Paper
Double sided PE coated *Rapid*Air® paper, one side siliconised, 143 g/m²

Adhesive
Solvent polyacrylate, repositionable with permanent final adhesion, grey

Area of use
For long-term outdoor displays with the highest degree of brilliancy and durability e.g. vehicle lettering. The *Rapid*Air® technology enables easy and quick bubble-free application, especially of large-sized graphics or decals. Entrapped air can be easily removed by simply smoothing out under the film. Suitable for even or slightly curved surfaces.

Printing Method
Inkjet printing with solvent-based inks, UV- or latex inks.

Certificates
- Fire resistance acc. to DIN EN 13501-1 (ORAJET® 3551GRA; B-s1,d0: flame retardant, no/low smoke production, no flaming droplets)

Technical Data

Thickness [(1)] (without paper and adhesive)	70 micron
Dimensional stability [(1)] (FINAT TM 14)	Adhered to steel shrinkage, no shrinkage in cross direction, in length 0,2 mm max.
Temperature resistance [(2)]	Adhered to aluminium, -50° C to +90° C (short-term, max. 24h, at +100° C), no variation
Sea water resistance (DIN 50021)	Adhered to aluminium, after 100h/23° C, no variation
Resistance to solvents and chemicals	At room temperature, 72h after adhesion to aluminium, short-term resistant to most oils and greases, fuels, aliphatic solvents, weak acids, salts and alkalis
Adhesive power [(1)] (FINAT TM 1, after 24h, stainless steel)	16 N/25 mm
Tensile strength [(1)] (DIN EN ISO 527)	Along: > 19 MPa Across: > 19 MPa
Elongation at break [(1)] (DIN EN ISO 527)	Along: > 130% Across: > 150%
Shelf life [(3)]	2 years
Application temperature	> +8° C
Maximum service life by specialist application Applies for vertical outdoor exposure [(4)]	7 years (not printed)

[(1)] average [(2)] short-time exposure [(3)] in original packaging, at 20° C and 50% relative humidity [(4)] 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 contamination which could affect the adhesion of the material. Freshly lacquered or painted surfaces should be allowed to dry for at least three weeks and to completely cure. The compatibility of the selected lacquers and paints should be tested by the user, prior to the application of the material. Furthermore, the application information published by ORAFOL must be considered. The batch traceability according to ISO 9001 is possible on the basis of the roll number.

IMPORTANT NOTICE

All ORAJET® products are subject to careful quality control throughout the manufacturing process and are warranted to be of merchantable quality and free from manufacturing defects. Published information concerning ORAJET® products is based upon research which the Company believes to be reliable although such information does not constitute a warranty. Because of the variety of uses of ORAJET® products and the continuing development of new applications, the purchaser should carefully consider the suitability and performance of the product for each intended use, and the purchaser shall assume all risks regarding such use. All specifications are subject to change without prior notice.