

AUTO Drift

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The AUTO brand, exclusively from Spandex, is designed to cater for the ever-changing needs of professional wrappers, detailers and fleet applicators. The products are co-branded and have been developed in conjunction with leading manufacturers. The Auto Drift range has been manufactured by Orafol exclusively for Spandex.

PRODUCT DESCRIPTION

Premium Cast PVC film, available in white with a glossy surface. Improved repositionability.

RELEASE PAPER

Double sided PE coated RapidAir® ProSlide paper, one side siliconised, 158 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. for complete car wrapping. The RapidAir® structure of the adhesive enables a bubble-free application - entrapped air can be easily removed by simply smoothing it out under the film. The ProSlide technology enables an easy and quick application due to its improved repositionability. Projects can be realized in a shorter time, especially large-sized graphics or decals.

PRINTING METHOD

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

Technical Data

Thickness ⁽¹⁾	55 micron
Dimensional stability ⁽¹⁾ (FINAT TM 14)	Adhered to steel, max. 0,1 mm shrinkage
Temperature resistance ⁽²⁾	Adhered to aluminium, -50° C to +100° C, no variation
Resistance to solvents and chemicals Immerse for 1 hour (water, acid), 30 Min (Pancreatine, tree gum), 10 Min (IPA, Gasoline, Motor oil), Check after 24h at RT	At room temperature, 72h after adhesion to aluminium, short-term resistance to most oils and greases, fuels, aliphatic solvents, weak acids, salts and alkalis
Adhesive power ⁽¹⁾ (FINAT TM 1, 180°, after 24h stainless steel)	14 N/25 mm
Tensile strength (DIN EN ISO 527)	Along: min. 19 MPa Across: min. 19 MPa
Elongation at break (DIN EN ISO 527)	Along: min. 120% Across: min. 120%
Shelf life ⁽³⁾	2 years
Application temperature	> +8° C
Maximum service life by specialist application and with proper maintenance and care ⁽⁴⁾	10 years (not printed)

(1) average (2) short-time exposure (3) in original packaging, at 20° C and 50% relative humidity (4) Applies for vertical outdoor exposure, normal climate of Central Europe. The actual and expected service life is determined by the environmental conditions, as well as pre-treatment of the substrate and regular maintenance. For curved surfaces (e.g. car wings), use a hot-air gun to heat the entire film to +40° C or a maximum +60° C. Any deep-drawn areas, borders and edges should be carefully reheated with a hot-air gun immediately after application of the film in order to activate the adhesive. It is necessary to reheat the film in deep corrugations to a temperature of +110° C up to maximum +120° C to ensure film structure stability in these areas. Once the film has cooled down, cut or turn in the film edges. After re-installing any parts that were removed, reheat all borders, edges and corrugations again with a hot-air gun to +110° C up to maximum +120° C.

NOTE: the above information is based on our present knowledge and practical experience. the information is given without any guarantee or agreement with regards to the quality or properties of the material. it does not constitute a warranty of any certain quality, properties and/or service life concerning the orafol® films.

after printing, the ink must be allowed to dry thoroughly 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.

please note that by nature films are more sensitive than lacquers. therefore, films must be treated and maintained with the greatest care. for application of orafol® films (wrapping and removal) as well as for maintenance and use, please refer to our documents processing guidelines and maintenance and usage terms. if our guidelines are not followed please be advised that in particular the maximum service life information, stated as based on our experience, does not apply. if the processing guidelines and maintenance and usage terms are not complied with, any warranty and liability is excluded.

the batch traceability according to iso 9001 is possible on the basis of the roll number.