

Description

The ORAFOL® Application Gel facilitates the application of self-adhesive graphic films that require a wet application process. Compared to non-gel type products, it offers prolonged slip-behaviour, no dripping during vertical or over-head jobs, no premature drying and it dries-off residual free. The product is highly recommended for the application of Paint Protection Films (PPF) on painted car/vehicle body parts.

Surface Preparation

Clean the surfaces with clean and lint-free (disposable) wipes. Remove contamination with the ORAFOL® surface cleaner and / or deionized water. Make sure that the surface is completely free of dirt particles.

Application

Apply ORAFOL® Application Gel on painted surface and make sure the entire surface is covered. A spray bottle can help to spread out the gel evenly. For ease of handling, the gel can be applied on the PPF-adhesive, as well.

Position the PPF on the target area and apply some gel on the backside of the film. It increases the slip properties of the squeegee.

To squeeze out the gel from beneath the film, push the squeegee gently from the middle to the side with big overlaps. During the application process, do not allow the gel to dry out before finishing the job.

As soon as the film is fully applied, the excessive gel can easily be removed with water and lint free cloth.

Paint Protection Films (PPF) take some time to build up the final bond strength and to fully dry out residual water beneath the film. This process can take up to a week and during this time the film appearance may be not satisfactory.

Mixing

The Gel can be thinned with de-ionized water or Isopropanopanol/water mixtures (0,25:0,75; Caution! Exothermic) to reduce its viscosity and/or initiate more tack to the adhesive.

Features and Benefits

The ORAFOL® Application Gel eases the application process to apply challenging filmic products, like PPF on painted surfaces. The gel promotes an initial bond to the surface while simultaneously maintaining good slip/floating properties and repositionability of the film. The adhesion builds up very smoothly and therefore it reduces the risk of lift-lines and air-entrapments.

Its high viscosity makes it easy to work on horizontal as well as on vertical surfaces, without any dripping. The gel reduces premature drying during application and replaces slip solutions.

Technical Data

Appearance	Odourless transparent gel
Viscosity (@ 20°C, Brookfield DV-II+ Pro, Spindle S02, 100 rpm)	1500 mPa-s
Density	1002 kg/m ³
pH-value	5 – 6,5
Boiling point	> 100° C
Shelf life⁽¹⁾	12 months from date of shipment or best-before date

⁽¹⁾ in original packaging, at 20° C and 50% relative humidity

CAUTIONARY INFORMATION

Before using ORAFOL® Application Gel, refer to the Material Safety Data Sheet (MSDS) and label for safe use and handling instructions. For industrial and commercial use only. Must be applied by trained personnel only and is not recommended for household applications or consumer use.

IMPORTANT NOTICE

All ORAFOL 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 ORABOND®ORAFOL 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 ORAFOL 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.