



OMEGA-SKINZ™ OS-512 CLEARCOAT -3D Formable Laminate

- 3D formable cast laminate
- gloss pvc

Roll width: 152,5 cm
Roll length: 25 m

A special range of laminates, developed for wrapping passenger cars, commercial vehicles, motorbikes, boats, etc.

OMEGA-SKINZ™ OS-512 CLEARCOAT is a glossy high-grade cast PVC overlaminate for protection of digital prints and other cast PVC films. This overlaminate is especially soft and malleable, making it particularly useful for applications that require 3D stretching and shaping, such as in channels and corrugations.

REINFORCE YOUR WRAP WITH THE RIGHT LAMINATE

If a vehicle or object is to be given a glossy surface, the OS-512 CLEARCOAT laminate is the right choice.

Provides optimal protection against weathering, UV light, degreasers, cleaners, gasoline, mild acids and (superficial) scratches and knocks. Outside life expectancy 7 years.



INTERESTING & BENEFITS

- High gloss, transparent
- To be used as an overlaminate on Solvent, Eco-Solvent, Latex and UV prints.
- Characteristics: rich, deep colours, no silvering. Guaranteed to adhere on rivets, wavy structures and in channels*.
- From application in channels to extreme wrapping.
- 3D formable
- Always comply with drying times and laminating instructions#.

RECOMMENDED DRYING TIMES & LAMINATING

Not allowing a print to dry properly can lead to major problems, such as loosening, delaminating, etc. Make sure that the ink is allowed to 'air' during the drying process. For standard prints, a drying time of 48 hours is necessary. For prints with a large amount of ink, a drying time of 72 is a must. Laminate cold, i.e. at a roller temperature of 30 degrees maximum. Make sure that there is no high tensile stress in the laminate during lamination, otherwise the laminate will be stretched on the print and will cause curling edges, delamination and film release in kinks.

***FOLLOW OUR SPECIAL OMEGA-SKINZ WRAP COURSES**

Installation in deep channels is not simple. The best way to install is to use the STRETCHLESS technique. On our training courses we will teach you the best way to wrap with a 100% risk free result.

FACE FILM

Type	Cast vinyl film
Colour and Finish	Gloss clear
Thickness	40 µ -DIN 53370
Dimensional Stability	<0,25mm FINAT 14
Elongation at break along	200 % min. -DIN 53455
Elongation at break across	200 % min. -DIN 53455
Outdoor durability (unprinted)	5-7 years*

ADHESIVE

Solvent based clear acrylic adhesive, featuring low initial tack with high final adhesion value, good water resistance. Specially designed for wrapping objects with smooth surfaces.

Type	Permanent clear with UV block
Min. Appl. Temp.(lamination)	+20°C - +30°C
Service Temp.	-20°C/+70°C
Quickstick.	12 N -FINAT 9
Tack after 20 minutes	> 13 N/25mm -FINAT 1
Tack after 24 hrs	> 16 N/25mm -FINAT 1

LINER

Type	Clay-coated siliconized kraft paper
Colour and Finish	White matte
Weight	120 gr/m2

** May vary; depends the area and zone. Please find more information on our 'Application Guidelines' sheet. We strongly recommend to join the OMEGA-SKINZ training course OVERLORD, to get the 100% warranty licence.*



OMEGA-SKINZ™ OS-512 CLEARCOAT -3D Formable Laminate



Wrapped by 3D Carbon, Greece.



Wrapped by AV Reclame, Netherlands.

CHECK OUT THESE LAMINATES TOO:



OS-510 Razor Blade



OS-511 Silky Satisfaction



OS-513 Polished Pleasure

RECOMMENDED PRINTER SETTINGS AND USAGE

When (eco) solvent is used, the temperature settings of the printer are extremely important. We recommend a pre-heat temperature between 35°C and 45°C. This temperature can be increased, as long as the material remains flat. A too high temperature can result in a bad print result. Set the after-heater (dryer) so that its temperature is 5°C to 10°C higher than the pre-heat temperature. In both cases the rule is: set the temperature as high as possible without making the material wobble.

INK QUANTITY

Large amounts of (eco)solvent ink on the material can activate the back printing ink. If the material is rolled up too quickly (i.e. not dried enough), ghosting can occur. This means that the back print becomes visible in the print.

FILM COLOUR

Although there is little colour difference in the production of our films, we recommend to combine only films with the same batch number. Then you can be sure that the colour is the same. The batch number can be found on the backing paper.

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PRINT QUALITY AND RESULT

The quality and end result of the print and wrap are not only dependent on the film itself. Since factors such as printer type, ink quality, printing software, ICC profile, environmental temperature, drying time, humidity, etc. contribute to this, we cannot guarantee or be held responsible for

the final quality. Please note that non-vertical applications can reduce the service life by 50%. Please note that non-vertical applications can reduce the service life by 50%.

SUBSTRATE PREPARATION

All surfaces to which the material will be applied must be thoroughly cleaned with OMEGA-SKINZ cleaners. Go to omega-skinz.com for all our recommended tools and liquids for a perfect installation. Ensure all traces of any contamination and cleaning agents are totally removed prior to application of the material.

Self-adhesive films should only be applied to OEM painted surfaces and their use on repaired or damaged paintwork is not recommended. The compatibility of lacquers and paints should be tested by the user prior to the application. Please refer to our Application Guidelines for specific technical details for the correct application and removal of the media.

MAINTENANCE & CLEANING

Recommended a manual washing with non abrasive cleaner. Use SOTT Cleaners. Suggested the use mild soap and sponge, avoid to hit the edge to avoid edge lifting.

REMOVAL

To remove the film, heat the film to between 60 and 80 degrees Celsius, and then peel it off easily. If you do this at a lower temperature, some glue residue may remain on the substrate. This is easily solved with OMEGA-SKINZ Adhesive remover.

SHELF LIFE

24 months, applicable only to the material delivered by SOTT which has not undergone further processing, under the following STORAGE CONDITIONS: This material must be stored at a temperature of 22°C ± 2°C and 50 ± 5% of Relative Humidity. Storage area must be dry and clean. Keep the material in the original packaging when not used in order to protect it from dust and contamination. Do not expose to direct sunlight or heat source.

CONDITIONS OF SALE

The following is made in lieu of all warranties expressed or implied:

The information mentioned in this product data sheet is based upon tests that were executed by Grafityp and SOTT, and which we consider to be reliable. The information always represents an average, a minimum or a maximum value and should be considered as such. They are for informational purposes only and do not provide any warranty. It is up to the user to decide whether the product is suitable for his specific application. The outdoor life expectancy applies to outdoor use under Central European conditions and with vertical application. Non-vertical applications can reduce service life by 50%. The life expectancy of our films is based on professional application on a dry, grease-free and suitable surface. Tropical conditions or use in close proximity to chemical emissions may adversely affect the service life. The lifespan can also be different depending on the colour (due to pigmentation). More information about this in our warranty certificates. OMEGA-SKINZ wrapping films may only be applied to an undamaged, original layer of lacquer. Grafityp cannot be held liable for damage during application or removal, if the films are used on a non-original or afterwards applied lacquer layer. Subject to change.