

Cast Vinyl Chrome Film



CRCV 515

Product Description

- 2mil (50micron) cast vinyl, silver color, high glossy surface
- White color pressure-sensitive, high tack removable adhesion
- 5.9mil (150micron) matte PET liner
- Specially designed for temporary vehicle wrap



Product Technical Data

PROPERTIES	TEST METHOD	METRIC	IMPERIAL
Film Thickness	ISO 4591:1992	50micron	2mil
Adhesive Type	/	Pressure-sensitive, Solvent polyacrylate high tack removable adhesion, White	
Release Liner	/	150mic PET, matte	5.9mil PET, matte
Dimension Stability	FINAT TM14 (adhere to steel)	Cross: 0 Along: 1mm max	Cross: 0 Along: 0.039in max
Adhesive Power	FINAT TM1 (After 24h, stainless steel)	$\geq 15\text{N}/25\text{mm}$	$\geq 3.43\text{lbs/in}$
Glossiness	60 degree	$\geq 95^\circ$	
Tensile Strength	ASTM D882-02	Along: min. 32Mpa Cross: min. 30 Mpa	
Elongation at break	ASTM D882-02	Along: min. 280% Cross: min. 250%	
Application Temperature	/	Min. 10°C / Min. 50°F	
Temperature Range After Application	Adhered to aluminum	-20°C (-4°F) to 65°C (149°F)	
Shelf Life	Stored out of direct sunlight at 23°C (73.4°F) and 50% humidity	2 years	
Expected Performance Life	/	Up to 7 years vertical application	

NOTE:

All above information shall only used as a guide; buyers shall independently test and determine the products suitability. The mentioned data are average of test result and should not be used for the purpose of lawsuit or warranty.

After printing the ink must be thoroughly dry in order to avoid any affect on the later combination with the laminate. Surfaces to which the material will be applied must be thoroughly cleaned from dust, grease or any contamination which could affect the adhesion of the material.

USER'S INSTRUCTIONS:

1. Gloves must be worn for handling the film. The Cast Vinyl Chrome Films are fragile and sensitive to scratching or marking.
2. Minimum recommended application temperature: +20 °C (+68 °F). Apply preferably between +20 °C and +25 °C (+68 °F and +77 °F).
3. The operating temperature range: from -40 °C to +90 °C (-40 °F to +194 °F).
4. The film must only be applied by a qualified professional.
5. Cut the film to the size of the part to be wrapped, allowing +10 cm (4 in.) of extra margin. The roll must be closed immediately and properly after use.
6. The remaining film must be stored on its original core to allow the film to keep an optimal aspect.
7. It is recommended to remove all removable components (those that might hinder the application: covers, strips, indicator lights, etc.).
8. The application surface must be clean, dry, smooth, non-porous and free of any traces of oil, grease, wax, silicon or components obtained via nanotechnology processes.
9. Heating temperature of the film during application procedures: +30 °C to +40 °C (+86 °F to +104 °F).
10. Maximum acceptable deformation: 20 %.
11. As much as possible, make the finishing cuts around 3 mm (0.12 in.) wider than the surface to be wrapped. Then apply the surplus film to the adjacent or opposite sides, under the seals and strips, etc.

Caution: Wait 92 hours after application, for optimal adhesion, before carrying out the first cleaning procedure with water.

NOTES:

- If an important degradation of the film (due to prolonged exposure to sunlight, weathering, polluting agents) appears (discolouration, powdering, tanning, etc.) it must be immediately removed from the vehicle in order to avoid any damage to the underlying paintwork.
- The indications of durability noted in this document do not constitute a binding guarantee. They are an estimate of the time during which the film retains a correct surface finish, from a conventional viewing distance.

- A slight and gradual change in colour and gloss is a natural and inevitable phenomenon inherent in the natural breakdown of the materials.
- Due to the great variety of substrates and the growing number of new applications, the installer must check the suitability of the medium for each application.
- The measuring methods for the standards quoted above served as the basis for the development of our own measuring methods which are available on request. Please feel free to contact us to get the latest instructions in use.



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