



ORACAL® 751 High Performance Cast

A high-performance cast PVC film with optimal cutting and conversion properties. Developed specially for lettering, marking and decoration, with good weed-stripping properties.

Particularly suitable for high-quality vehicle and public transport system advertising.

The special adhesive enables adhesion onto lacquered surfaces (even, uneven, corrugated), rivets and corrugations.

High glossy finished surface, available in an expansive range colours and in matte white or black.

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Durability of up to 8 years
*colour dependant



Suitable for signage interior,
exterior & vehicle



Ideal for plotter cutting

P

Permanent adhesive



ORACAL® 751 Technical Data

Description:

High performance PVC film, available in different colours with a glossy surface, additionally in matte white and matte black.

Release Paper:

Special silicone coated paper on one side, 137 g/m², which provides excellent weed-stripping properties. For white vinyl, a light blue silicone coated paper is used, to form a stronger contrast to lettering.

Adhesive:	Solvent polyacrylate, permanent.
Thickness: ⁽¹⁾ (without paper and adhesive)	60 micron
Dimensional stability: ⁽¹⁾ (FINAT TM 14)	Adhered to steel shrinkage 0,15 mm max.
Temperature resistance: ⁽²⁾	Adhered to aluminium, -50° C to +120° C, no variation
Sea water resistance: (DIN EN ISO 9227)	Adhered to aluminium, after 100h/35° C, no variation
Resistance to solvent and chemicals:	At room temperature, 72h after adhesion to aluminium, shortterm resistant to most oils and greases, fuels, aliphatic solvents, weak acids, salts and alkalis
Adhesive power: ⁽¹⁾ (FINAT TM 1, after 24h, stainless steel)	18 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: > 120% Across: > 120%
Shelf life: ⁽³⁾	2 years
Application temperature:	>+8° C
Maximum service life by specialist application:	Black / white: 8 years Transparent / coloured: 7 years Metallic: 5 years Gold L, Brilliant blue L: 3 years Under vertical outdoor exposure (normal climate of Central Europe)

⁽¹⁾average ⁽²⁾short-term exposure ⁽³⁾in original packaging, at 20° C and 50% relative humidity ⁽⁴⁾normal climate of Central Europe

Note

The above information is based upon 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® colour films.

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 the ORAFOL colour films (wrapping and removal) as well as for maintenance and use, please refer to our documents 'Processing Guidelines' and 'Maintenance and Usage Terms' (both documents are available for pdf download).