

# ORACAL® 751C

## HIGH PERFORMANCE CAST FILM

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### Description

A staple in the signage and graphics industry for over 20 years!

Offering 80 colors, look no further than ORACAL® 751C to set your brand apart! This specially formulated adhesive and film combination boasts the most user-friendly weeding characteristics along with industry-leading dimensional stability - making it a trusted solution for automotive, RV, and boat graphic markings, as well as general signage, and commercial window graphic applications. ORACAL® 751C offers the perfect balance of value and long-term performance.

Did you know? ORACAL® 751C is available with ORAFOL's *RapidAir*® air-egress adhesive technology. ORACAL® 751RA is available in 12 high gloss colors!

Do you need additional color or metallic finish options? Do you need a longer-lasting solution? Consider ORACAL® Series 951 Premium Cast PVC films (154 colors).

### Release Liner

84# custom silicone coated paper with special release characteristics that provide excellent weeding and release values. Customized blue silicone paper liner for matte and gloss white provides superior contrast for weeding.

### Adhesive

Clear, solvent-based, permanent

### Film Construction

High Performance Cast PVC Film (*Up to 8 years*)

### Finish

All colors and metallics are available in a Gloss finish.

### Applications

- Flat or Conformable, medium- to long-term applications
  - Car, Truck, Van, & Trailer Graphics
  - Interior & Exterior General Signage
  - Architectural & Automotive Window Graphics
  - Boat and Marine Graphics
  - Railroad Graphics (Meets AAR Specification M-947)

### Compatible Application Tapes

- ORATAPE® HT55 (*paper*)
- ORATAPE® MT95 (*clear conformable*)

### Outdoor Durability

Vertical Exposure, Climate Zone 1

- 8 years – black & white
- 7 years - colors
- 5 years – metallic
- 3 years – brilliant blue (086) / new gold metallic (930)

### Splice Free Guarantee

Our Splice Free Guarantee assures you that every roll of ORAGUARD® over-laminate is free from splices. If you identify a verifiable splice, we will promptly replace the roll at no cost and provide you with \$500 as a token of our commitment to your satisfaction and uninterrupted graphic production experience.



ORAFOL Americas – GA  
1100 Oracal Parkway  
Black Creek, GA 31308  
Phone: 888.672.2251

ORAFOL Americas – CT  
120 Darling Drive  
Avon, CT 06001  
Phone: 800.654.7570

ORAFOL Canada  
2831 Bristol Circle  
Oakville, Ontario L6H 6X5  
Phone: 888.727.3374

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### Technical Data

<b>Thickness</b> (without liner and adhesive)	2-mil
<b>Dimensional Stability</b> (FINAT TM-14)	Adhered to steel, no shrinkage in cross direction; In length, <.006"
<b>Temperature Resistance</b>	Adhered to aluminum, -58°F to +230°F, no variation
<b>Fire Behavior</b> (DIN 75200) <b>Fire Rating</b>	Adhered to steel, self-extinguishing Meets ASTM E 84-07 Class "A"
<b>Adhesive Power</b> (FINAT TM-1, after 24 h, average)	Adhered to stainless steel: 4.1 lb/in
<b>Tensile Strength</b> (DIN EN ISO 527)	Along: Min. 19 MPa Across: Min. 19 MPa
<b>Elongation at Break</b> (DIN EN ISO 527)	Along: Min. 120% Across: Min. 120%
<b>Seawaterability</b> (DIN 50 021)	Adhered to aluminum, after 100h/73°F, no variation
<b>Shelf Life</b> (68°F/50% relative humidity)	2 years
<b>Minimum Life Expectancy</b> (based on accepted application procedures on vertical surfaces)	8 years – black and white / 7 years – colors/transparent 5 years – metallic / 3 years – brilliant blue L, gold L
<b>Minimum Application Temperature</b>	46°F (dry application)
<b>Available Lengths</b> <b>Available Widths</b>	150' (50 yard) and 30' (10-yard) 15" (punched), 24", 30", 36" (black and white only, transparent), 48"
<b>Compatible Application Tapes</b>	ORATAPE® Series HT55, MT95
<b>Print Compatibility</b>	Thermal transfer (gloss finish only)

### Note

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. Freshly lacquered or painted surfaces should be completely cured. The compatibility of selected lacquers and paints should be tested by the user, prior to application of the material. Films with structured surfaces are naturally more sensitive than the unstructured ones. Accordingly, these films are to be treated carefully both in processing and in cleaning. Impurities affect the appearance of structured films and require more frequent cleaning. Furthermore, the application information published by ORAFOL is to be considered. The batch traceability according to ISO 9001 is possible on the basis of the roll number.

### IMPORTANT NOTICE

All ORACAL® 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 ORACAL® 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 ORACAL® 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. WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.



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techsupport-americas@orafol.com – www.orafol.com