

ORACAL® Series 970RA Wrapping Cast with Rapid Air™ Technology

Description

Special cast PVC film with outstanding dimensional stability and optimum application characteristics. Available in 16 gloss colors with a built-in protective clear coat layer to simulate the appearance of factory-applied paint.

Release Paper

84# PE-coated silicone liner with special release characteristics that provide excellent weeding and release characteristics.

Adhesive

Grey, solvent-based, repositionable, permanent adhesive that can be removed with little or no adhesive residue for up to four years. RapidAir™ liner provides air release channels to make application easier by reducing incidence of bubbles and creases.

Applications

Specially developed for long-term, complete wraps of fleet and motor sport vehicles in solid, opaque colors. Exceptional dimensional stability and conformability over curved surfaces, rivets and corrugations. Offers long-term removability from painted surfaces and does not require an overlaminates. Solvent inkjet and screen printable.

Technical Data

Thickness (without protective paper and adhesive)	4 mil
Dimensional Stability	Adhered to steel, no measurable shrinkage in cross direction; in length, < .004"
Temperature Resistance	Adhered to acrylic, -58°F to +230°F, no variation
Adhesive Power (FINAT TM-1, after 24 h, average)	Adhered to stainless steel: 4.1 lb/in ²
Resistance to Cleaning Agents	After 72h adhered to aluminum at room temperature, resistant to most oils and greases, fuels, aliphatic solvents, weak acids, salts and alkalis
Tensile Strength (DIN EN ISO 527) Along Across	Min. 21 MPa Min. 21 MPa
Elongation at Break (DIN EN ISO 527) Along Across	Min. 150% Min. 150%
Seawaterability (DIN 50021)	Adhered to aluminum, after 100h/73°F, no variation
Shelf Life (68°C/50% relative humidity)	2 years
Minimum Application Temperature	46°F
Available Lengths Available Widths (inches)	50 yards (150 feet); 25 yards (75 feet) 60
Minimum Life Expectancy (based on accepted application procedures on vertical surfaces)	10 years – black, white 8 years – colors 6 years – metallic

Attention

Surfaces to which the material will be applied must be cleaned thoroughly of dust, grease or any contaminants. Freshly lacquered or painted surfaces should be allowed to stand for at least three weeks after complete curing. The compatibility of selected lacquers and paints should be tested by the end-user prior to use.

The statements in this information sheet are based upon our knowledge and practical experience. This data is intended only as a source of information and is given without any guarantee and does not constitute a warranty. Due to the wide variety of possible uses and applications, customers should independently determine the suitability of this material for their specific purpose, prior to use.

