

ORAMASK[®] Series 810S Paint Mask Stencil Film

Description

A highly flexible, transparent grey PVC film with a matte surface formulated for use in stencil applications, especially spray and paint techniques. Features a solvent-based adhesive for stronger resistance to solvents.

Release Paper

84# silicone-coated paper with excellent weeding and release characteristics

Adhesive

Solvent-based polyacrylate, low-tack and removable

Applications

Solvent-based paint applications (marine, automotive, etc.); complex, multi-shot and layering paint techniques; conformable applications such as complex curves, uneven or semi-flexible substrates and surfaces; applications requiring background visibility.

Technical Data

Thickness (without protective paper and adhesive)	3 mil
Dimensional Stability	Adhered to steel, no measurable shrinkage in cross direction; in length, < .016"
Temperature Resistance	Not applicable
Adhesive Power (FINAT TM-1, after 24 h, average)	Adhered to stainless steel: 0.5 b/in ²
Resistance to Cleaning Agents	Not applicable
Tensile Strength (DIN EN ISO 527) Along Across	Min. 19 MPa Min. 19 MPa
Elongation at Break (DIN EN ISO 527) Along Across	Min. 130% Min. 150%
Seawaterability (DIN 50021)	Not applicable
Shelf Life (68°C/50% relative humidity)	2 years
Minimum Application Temperature	46°F
Available Lengths Available Widths (inches)	50 yards 20, 24, 48, 15 punched, 30 punched
Minimum Life Expectancy (based on accepted application procedures on vertical surfaces)	Not applicable

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.



ORACAL® Series 810 / 810S / 811 / 813 Stencil Films

Paint Masking Films

Unlimited Creative Possibilities

For applications that involve spray and paint techniques, Oracal offers a variety of films to meet virtually every need. All Oracal stencil films feature a 84-lb. silicone-coated liner with special characteristics that provide excellent weeding and release values, as well as a low-tack adhesive for easy removability. Choose the best film for your application using the chart below.

ORACAL® Stencil Films

<u>Description</u>	<u>Adhesive</u>	<u>Paint Type</u>	<u>Surface/ Substrate</u>	<u>Suggested Application</u>
Series 810 Highly flexible transparent grey PVC film with matte surface	Water Based	Water-based or low-saturation solvent-based paints	Complex curves, uneven or semi-flexible surfaces	Conformable applications that require background visibility
Series 810S Highly flexible transparent grey film with matte surface. Solvent-based adhesive offers stronger resistance to solvents.	Solvent Based	Higher-saturation solvent paints	Complex curves, uneven or semi-flexible surfaces	Conformable, solvent-based paint applications (marine, automotive, etc.) that require background visibility
Series 811 Rigid, opaque white PVC film with matte surface	Water Based	Water-based paints	Smooth, flat or rigid	Large areas that do not require background visibility
Series 813 Rigid, translucent blue PVC film with matte surface	Water Based	Water-based paints	Smooth, flat or rigid	Large areas that require background visibility