

## Description

4-mil, opaque cast PVC film, specially designed for backlit applications to control or block out light. The reduced surface gloss inhibits undesired reflection. Available in white with a black backing, and in black with a white backing.

## Release Liner

84# silicone coated paper on both sides

## Adhesive

Clear, solvent polyacrylate, permanent

## Area of Use

Specially formulated for the production of high quality illuminated signage, it is the perfect solution for creating blackout effects in backlit applications. Great for use with backlit acrylic, glass and flexible sign face material. Suitable for use on cutting plotters.

## Technical Data

<b>Thickness*</b> (without liner and adhesive)	4-mil
<b>Dimensional Stability</b> (FINAT TM-14)	Adhered to steel, shrinkage 0.004" max
<b>Temperature Resistance</b>	Adhered to acrylic, -40°F to +176°F, no variation
<b>Adhesive Power*</b> (FINAT TM-1, after 24h)	3.65 lb/in glass 4.11 lb/in acrylic
<b>Tensile Strength</b> (DIN EN ISO 527)	Along: Min. 17 MPa Across: Min. 17 MPa
<b>Elongation at Break</b> (DIN EN ISO 527)	Along: Min. 120% Across: Min. 120%
<b>Resistance to cleaning agents</b>	Adhered to acrylic glass, 8h in washcalics (0,5% household cleaning agents) in room temperature and in 149°F, no variation
<b>Shelf Life**</b>	2 years
<b>Minimum Life Expectancy***</b>	10 years
<b>Minimum Application Temperature</b>	46°F
<b>Available Lengths</b>	150' (50-yard)
<b>Available Widths</b>	48"
<b>Recommended Application Tapes</b>	ORATAPE® Series HT55, MT95, MT72, MT80P

\*average

\*\* in original packaging, at 68°F and 50% relative humidity

\*\*\* standard central European climate

## 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 surface are naturally more sensitive than the unstructured. 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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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

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