

# ORACAL® 8800 TRANSLUCENT PREMIUM CAST FILM

Technical Datasheet  
02/24  
Page 1 of 1

## Description

2-mil, premium cast PVC film with a polyester liner and a silk-matte finish that inhibits undesired reflection. Available in 47 vivid colors.

## Release Liner

4-mil silicone-coated, translucent polyester liner

## Adhesive

Clear, solvent-based, permanent adhesive

## Area of Use

Designed for producing high quality backlit signs on rigid, thermoformed or pretensioned banner material.

## 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, <.004"
<b>Temperature Resistance</b>	Adhered to acrylic, -49°F to +176°F, no variation
<b>Fire Behavior</b> (DIN 75200)	Adhered to steel, self-extinguishing
<b>Fire Rating</b>	ASTM E 84-07 Class "A"
<b>Adhesive Power</b> (FINAT TM-1, after 24 h, average)	Adhered to glass: 4.1 lb/in Adhered to acrylic: 3.7 lb/in
<b>Tensile Strength</b> (DIN EN ISO 527)	Along: Min. 21 MPa Across: Min. 21 MPa
<b>Elongation at Break</b> (DIN EN ISO 527)	Along: Min. 120% Across: Min. 120%
<b>Resistance to Solvents and Chemicals</b>	Adhered to glass after 8h in 0.5% household cleaning Agents at room temperature and 149°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)	10 years - black and white 8 years - colors 5 years - metallic
<b>Minimum Application Temperature</b>	46°F
<b>Available Lengths</b>	150' (50-yard) and 30' (10-yard)
<b>Available Widths</b>	24", 48"
<b>Recommended Application Tapes</b>	ORATAPE® Series HT55, MT95, MT72, MT80P
<b>Print Compatibility</b>	Thermal Transfer

## 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.



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.orafol.com