

## Description

1-mil, transparent, white or metallized print polyester film with excellent dimensional stability and good long-term ageing properties. Surface with top coat for printing. Roll sizes available in 5 metallic finishes as well as transparent gloss. Screen printing sheet sizes available in white and transparent gloss only.

## Release Liner

98# PE-coated silicone paper on both sides

## Adhesive

Clear, solvent-based, permanent adhesive

## Film Construction

Polyester film

## Finish

5 metallic finishes as well as transparent gloss

## Color

Available in transparent, white, or metallized print.

## Applications

Ideal for decorative labels, name/technical plates, elements and moldings, and safety decals. Suitable for use on plotter cutting systems.

## Compatible Application Tapes

- ORATAPE HT55 (*paper*)
- ORATAPE MT72 (*paper*)
- ORATAPE MT80P (*clear conformable*)
- ORATAPE MT95 (*clear conformable*)

## Durability

2 years

1 year – gloss gold

## Splice Free Guarantee

Our Splice Free Guarantee assures you that every roll of ORACAL® plotter film 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

## Technical Data

<b>Thickness<sup>(1)</sup></b> (without liner and adhesive)	1-mil (transparent, chrome, matte chrome, gloss gold, gold-coated on both sides) 2-mil (chrome, chrome brushed, gold-coated on both sides)
<b>Dimensional Stability<sup>(1)</sup></b> (FINAT TM-14)	Adhered to steel, no shrinkage in cross direction; In length, <.004"
<b>Temperature Resistance<sup>(2)</sup></b>	Adhered to aluminum, -40°F to +248°F, no variation
<b>Fire Behavior</b> (DIN 75200) <b>Fire Rating</b>	Adhered to steel, self-extinguishing ASTM E 84-07 Class "A"
<b>Adhesive Power<sup>(1)</sup></b> (FINAT TM-1, after 24 h)	Adhered to stainless steel: 2.7 lb/in
<b>Tensile Strength<sup>(1)</sup></b> (DIN EN ISO 527)	Along: > 200 MPa Across: > 260 MPa
<b>Elongation at Break<sup>(1)</sup></b> (DIN EN ISO 527)	Along: > 120% Across: > 80%
<b>Shelf Life<sup>(3)</sup></b> (68°F/50% relative humidity)	2 years
<b>Minimum Life Expectancy</b> (based on accepted application procedures on vertical surfaces)	2 years (not printed) gloss gold, gold-coated on both sides: 1 year (not printed)
<b>Minimum Application Temperature</b>	46°F
<b>Available Lengths</b> <b>Available Widths</b>	150' (50-yard) and 30' (10-yard) 15" (punched), 24", 30", 48" 27" x 38" sheets (100 sheets/ream) Transparent 30" x 38" sheets (100 sheets/ream) Transparent
<b>Recommended Application Tapes</b>	ORATAPE® Series HT55, MT95, MT72, MT80P
<b>Print Compatibility</b>	Screen printing, UV offset, and thermal printing

<sup>(1)</sup>average <sup>(2)</sup>short-time exposure <sup>(3)</sup>In original packaging

### 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.



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**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 may expose you to chemicals which are known in the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to – [P65Warnings.ca.gov](http://P65Warnings.ca.gov)



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