



# MACal<sup>®</sup> 9800 PRO

Long term premium marking films for branding

## MACal 9800 PRO™

FR

Ce film haute performance exclusif Mactac offre une durabilité extérieure jusqu'à 10 ans. Et est conçu pour les applications permanentes. Un face extrêmement flexible et ultra-brillant offre une excellente conformabilité permettant des applications sur surfaces plates à légèrement incurvées. MACal 9800 Pro est doté d'un adhésif acrylique permanent haute performance à base solvant et d'un protecteur Kraft blanc pour assurer une grande stabilité et une tenue à plat hors normes.

MACal 9800 B-free PRO est disponible en 25 couleurs. MACal 9800 HT PRO est disponible en blanc et noir avec des finitions mate et brillante. Un excellent choix pour le marquage des flottes, l'identification de l'équipement, les décorations et logos sur vitrines ; le choix privilégié des transformateurs de signalétique depuis 1985.

### Avantages

- Une vaste palette de couleurs : 100 brillantes et 11 mates
- Durabilité à l'extérieur jusqu'à 10 ans
- 25 couleurs disponibles avec la technologie B-free
- Mise à la teinte des couleurs : 2600 lm (sauf pour HT & BF)

### Applications

- Marquage à long terme de véhicules,
- Lettrage et décoration sur vitrage,
- Enseignes, panneaux décoratifs et de signalétique, etc.

### Caractéristiques techniques

- Vinyle polymère calandré de 66 µm, sans cadmium
- Adhésif acrylique permanent à base solvant de haute qualité
- Papier kraft blanc très stable de 135 g/m<sup>2</sup> (PRO & HT) / 145 g/m<sup>2</sup> (BF) avec impression arrière grise

IT

Questo esclusivo film Mactac è progettato per applicazioni permanenti ad alte prestazioni di durata fino a 10 anni all'esterno. Un materiale altamente flessibile ad elevata lucidità in grado di offrire un'eccellente conformabilità su superfici piatte o leggermente curve. MACal 9800 Pro include un adesivo acrilico permanente a base solvente con alte prestazioni, e un liner Kraft bianco per garantire la massima stabilità durante la conversione.

MACal 9800 B-free PRO è disponibile in 25 colori. MACal 9800 HT PRO è disponibile nei colori bianco e nero, sia opaco che lucido. Una scelta vincente per brandizzare una flotta commerciale, rendere immediata l'identificazione di macchinari, la decorazione di vetrine e l'applicazione di loghi - la scelta preferita per i convertitori di segnaletica dal 1985.

### Vantaggi

- Ampia gamma di colori: 100 lucidi e 11 opachi
- Fino a 10 anni di vita in esterno
- 25 colori disponibili con tecnologia B-free
- Servizio Color Match per colori su richiesta 2600 lm (tranne che per HT e BF)

### Applicazioni

- Decorazione di veicoli di lunga durata
- Vetrotanie
- Applicazioni grafiche decorative e per il punto vendita

### Caratteristiche tecniche

- Pellicola polimerica da 66 µm senza cadmio
- Adesivo acrilico permanente a base solvente di alta qualità
- Carta kraft bianca altamente stabile da 135 g/m<sup>2</sup> (PRO e HT) / 145 g/m<sup>2</sup> (BF) con retrostampa grigia

ES

Este film exclusivo de Mactac está diseñado para aplicaciones permanentes de alta calidad con hasta 10 años de vida útil en exteriores. Su frontal muy brillante y flexible ofrece una excelente conformabilidad en superficies ligeramente curvadas. MACal 9800 Pro cuenta con un adhesivo acrilico permanente transparente de base disolvente de alta calidad y un soporte de papel kraft blanco que le aporta estabilidad y planitud.

MACal 9800 B-free PRO está disponible en 25 colores. MACal 9800 HT PRO está disponible en Blanco y Negro, en los acabados brillo y mate.

Una opción excelente para el marcaje de flotas de vehículos, identificación de maquinaria, gráficos en ventanas y logotipos - La opción preferida de los fabricantes de carteles desde 1985.

### Ventajas

- Amplia gama de colores: 100 en brillo y 11 en mate
- Durabilidad de hasta 10 años en exterior
- 25 colores disponibles con tecnología B-free
- Posibilidad de crear colores personalizados 2600 lm (excepto para HT y BF)

### Aplicaciones

- Rotulación de larga duración en vehículos
- Gráficos para cristales
- Paneles decorativos y señalización de establecimientos comerciales

### Características técnicas

- Film de vinilo polimérico de 66 µm y sin cadmio
- Adhesivo acrilico de alta calidad, permanente y con base solvente
- Papel kraft blanco de alta estabilidad de 135 g/m<sup>2</sup> (PRO y HT) / 145 g/m<sup>2</sup> (BF) con impresión de fondo gris

Mactac<sup>®</sup> has made every effort to match the colours in our MACal 9800 portfolio as close as possible to the RAL colour code equivalents. The table is designed to help you get a better idea of colour similarities but we cannot guarantee an exact colour match. Colour cards and/or samples are available upon request.

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Colour Card



# MACal 9800 PRO™

	<b>Pastel Yellow</b> MACal 9809-21 PRO RAL: 1016		<b>Regal Red</b> MACal 9859-42 PRO		<b>Steel Blue</b> MACal 9839-40 PRO		<b>Turquoise Green</b> MACal 9849-15 PRO		<b>Terra Cotta</b> MACal 9887-09 PRO SL		<b>Banana Yellow Matt</b> MACal 9808-46 PRO RAL: 1018
	<b>Luminous Yellow</b> MACal 9807-00 PRO SL RAL: 1026		<b>Medium Red</b> MACal 9859-00 PRO (also available in BF) RAL: 3000		<b>Scandinavian Blue</b> MACal 9839-23 PRO (also available in BF)		<b>Petrol</b> MACal 9849-17 PRO		<b>Chestnut</b> MACal 9883-10 PRO		<b>Medium Red Matt</b> MACal 9858-00 PRO
	<b>Lemon Yellow</b> MACal 9809-06 PRO		<b>Dark Red</b> MACal 9859-12 PRO (also available in BF) RAL: 3001		<b>Ultramarine Blue</b> MACal 9839-12 PRO (also available in BF) RAL: 5002		<b>Turquoise Blue</b> MACal 9849-33 PRO		<b>Clay Brown</b> MACal 9883-07 PRO RAL: 8003		<b>Ultramarine Matt</b> MACal 9838-12 PRO RAL: 5002
	<b>Bright Yellow</b> MACal 9807-43 PRO SL		<b>Wine Red</b> MACal 9859-41 PRO		<b>Luminous Blue</b> MACal 9837-01 PRO SL		<b>Dark Petrol</b> MACal 9849-26 PRO		<b>Fawn Brown</b> MACal 9883-06 PRO RAL: 8007		<b>Vivid Blue Matt</b> MACal 9838-11 PRO
	<b>Banana Yellow</b> MACal 9809-46 PRO (also available in BF) RAL: 1018		<b>Burgundy</b> MACal 9859-05 PRO RAL: 3004		<b>Reflex Blue</b> MACal 9839-26 PRO (also available in BF)		<b>Dark Lagoon</b> MACal 9849-34 PRO		<b>Dark Brown</b> MACal 9883-04 PRO		<b>Anthracite Matt</b> MACal 9888-41 PRO
	<b>Dark Yellow</b> MACal 9809-45 PRO (also available in BF) RAL: 1023		<b>Rioja Red</b> MACal 9859-28 PRO RAL: 3005		<b>Vivid Blue</b> MACal 9839-11 PR (also available in BF)		<b>Dark Green</b> MACal 9849-51 PRO		<b>Black</b> MACal 9889-00 PRO (also available in HT & BF) RAL: 9005		<b>Traffic Grey Matt</b> MACal 9888-05 PRO
	<b>Orange Yellow</b> MACal 9809-47 PRO RAL: 1003		<b>Cyclamen</b> MACal 9859-09 PRO (also available in BF)		<b>Sea Blue</b> MACal 9839-22 PRO		<b>Olive</b> MACal 9847-35 PRO SL		<b>Mystic Grey</b> MACal 9889-17 PRO (also available in BF) RAL: 7021		<b>Charcoal Matt</b> MACal 9888-01 PRO
	<b>Saffron</b> MACal 9809-11 PRO RAL: 1033		<b>Fuchsia</b> MACal 9859-15 PRO RAL: 4010		<b>Medium Blue</b> MACal 9839-24 PRO		<b>Bottle Green</b> MACal 9849-53 PRO		<b>Charcoal</b> MACal 9889-01 PRO (also available in BF)		<b>Silver Metallic Matt</b> MACal 9868-00 PRO RAL: 9007
	<b>Light Orange</b> MACal 9801-44 PRO RAL: 2003		<b>Panther Rose</b> MACal 9859-08 PRO		<b>Luminous Cyan</b> MACal 9837-00 PRO SL		<b>Medium Green</b> MACal 9849-10 PRO (also available in BF) RAL: 6029		<b>Traffic Grey</b> MACal 9889-05 PRO (also available in BF)		<b>Copper Matt</b> MACal 9878-03 PRO
	<b>Orange</b> MACal 9801-40 PRO (also available in BF) RAL: 2008		<b>Salmon Pink</b> MACal 9859-30 PRO		<b>Egyptian Blue</b> MACal 9839-20 PRO RAL: 5012		<b>Light Green</b> MACal 9849-52 PRO RAL: 6024		<b>Grey</b> MACal 9889-16 PRO RAL: 7031		<b>White Matt</b> MACal 9828-00 PRO Contrast B (also available in HT & BF) RAL: 9016
	<b>Luminous Orange</b> MACal 9807-07 PRO SL		<b>Skin Tone</b> MACal 9859-44 PRO		<b>Sky Blue</b> MACal 9839-10 PRO		<b>Bright Green</b> MACal 9849-36 PRO		<b>Dark Grey</b> MACal 9889-02 PRO (also available in BF) RAL: 7012		<b>Black Matt</b> MACal 9888-00 PRO (also available in HT & BF) RAL: 9005
	<b>Bright Orange</b> MACal 9807-42 PRO SL		<b>Lilac</b> MACal 9859-32 PRO		<b>Light Blue</b> MACal 9839-07 PRO		<b>Luminous Green</b> MACal 9847-00 PRO SL RAL: 6038		<b>Mouse Grey</b> MACal 9889-15 PRO RAL: 7042		
	<b>Warm Red</b> MACal 9859-25 PRO		<b>Pink Violet</b> MACal 9859-31 PRO RAL: 4008		<b>Azure Blue</b> MACal 9839-41 PRO		<b>Grass Green</b> MACal 9849-55 PRO (also available in BF) RAL: 6018		<b>Light Grey</b> MACal 9889-03 PRO		
	<b>Red Orange</b> MACal 9859-48 PRO		<b>Lavender</b> MACal 9839-46 PRO RAL: 4005		<b>Pastel Blue</b> MACal 9839-42 PRO		<b>Apple Green</b> MACal 9849-13 PRO		<b>Pastel Grey</b> MACal 9889-14 PRO		
	<b>Poppy Red</b> MACal 9859-10 PRO		<b>Purple</b> MACal 9839-45 PRO		<b>Iceberg</b> MACal 9839-43 PRO		<b>Green Yellow</b> MACal 9849-54 PRO		<b>Pearl Grey</b> MACal 9889-04 PRO RAL: 7047		
	<b>Strawberry Red</b> MACal 9859-26 PRO		<b>Aubergine</b> MACal 9839-38 PRO RAL: 4007		<b>Pastel Aqua</b> MACal 9839-44 PRO		<b>Cream White Glossy</b> MACal 9829-22 PRO RAL: 9001		<b>White</b> MACal 9829-00 PRO Contrast B (also available in HT & BF) RAL: 9016		
	<b>Luminous Red</b> MACal 9857-00 PRO SL		<b>Violet</b> MACal 9839-13 PRO		<b>Pastel Green</b> MACal 9849-30 PRO		<b>Ivory</b> MACal 9829-05 PRO RAL: 1015		<b>Silver</b> MACal 9869-00 PRO (also available in BF) RAL: 9006		
	<b>Vivid Red</b> MACal 9859-47 PRO RAL: 3028		<b>Dark Violet</b> MACal 9839-30 PRO		<b>Blue Green</b> MACal 9849-31 PRO RAL: 6027		<b>Beige</b> MACal 9829-01 PRO (also available in BF) RAL: 1014		<b>Light Silver</b> MACal 9869-08 PRO RAL: 9006		
	<b>Tomato Red</b> MACal 9859-46 PRO (also available in BF) RAL: 2002		<b>Antique Blue</b> MACal 9839-39 PRO RAL: 5000		<b>Pistachio</b> MACal 9849-32 PRO RAL: 6019		<b>Cream</b> MACal 9829-10 PRO		<b>Gold</b> MACal 9879-00 PRO (also available in BF)		
	<b>Spicy Red</b> MACal 9859-43 PRO (also available in BF) RAL: 3020		<b>Dark Blue</b> MACal 9839-19 PRO		<b>Mint</b> MACal 9849-18 PRO		<b>Terra di Siena</b> MACal 9883-08 PRO		<b>Clear</b> MACal 9899-00 PRO		

EN

This exclusive Mactac film is designed for high-performance permanent applications with up to 10 years of outdoor life. A highly flexible facestock gives excellent conformability on flat to slightly curved surfaces. MACal 9800 Pro Series features a high-performance, permanent solvent based acrylic adhesive and a white Kraft liner for stability and lay-flat properties.

MACal 9800 B-free PRO is available in 25 colors. MACal 9800 HT PRO is available in both matt and gloss White and Black grades. An excellent choice for fleet branding, equipment identification, window graphics and logos - the preferred choice of signage converters since 1985.

## Advantages

- Wide range of colours: 100 gloss and 11 matt
- Outdoor durability up to 10 years
- 25 colors available with B-free technology
- Colour matching as of 2600 lm (except for HT & BF)

## Applications

- Long-term vehicle marking
- Window graphics
- Decorative & retail signage panels

## Technical characteristics

- 66 µm polymeric calendared vinyl film, cadmium-free
- High quality solvent based permanent acrylic adhesive
- Highly stable 135 gsm (PRO & HT) / 145 gsm (BF) white kraft paper with grey backprinting

DE

Diese exklusive Mactac-Folie wurde für leistungsstarke, permanente Anwendungen mit einer Haltbarkeit im Außenbereich von bis zu 10 Jahren entwickelt. Eine besonders flexible, hochglänzende Oberschicht sorgt für hervorragende Anpassungsfähigkeit auf ebenen und leicht gewölbten Oberflächen. MACal 9800 Pro verfügt über einen leistungsstarken, permanenten, lösemittelbasierten Acrylatklebstoff und einen weißen Kraftliner für Stabilität und Ebenheit.

MACal 9800 B-free PRO ist in 25 Farben erhältlich. MACal 9800 HT PRO ist sowohl in matt als auch in glänzend weiß und schwarz erhältlich. Eine hervorragende Wahl für das Branding von Fuhrparks, die Kennzeichnung von Geräten, Fenstergrafiken und Logos – das Lieblingsprodukt von Schilderherstellern seit 1985.

## Vorteile

- Große Farbauswahl: 100 glänzende und 11 matte Farben
- Bis zu 10 Jahren im Außenbereich
- 25 Farben mit B-free-Technologie erhältlich
- Farbnachstellungsservice ab 2600 lm (außer HT & BF)

## Anwendungen

- Langfristige Fahrzeugbeschriftungen
- Fenstergrafiken
- Dekorationen und Schilder im Einzelhandel

## Technische Eigenschaften

- 66 µm starke, flexibles Vinylpolymer, Cadmium-frei
- Transparenter, permanenter Acrylat-Klebstoff auf Lösemittelbasis
- Hochstabiles 135 g/m<sup>2</sup> (PRO & HT) / 145 g/m<sup>2</sup> (BF) weißes Kraftpapier mit grauem Rückseitendruck