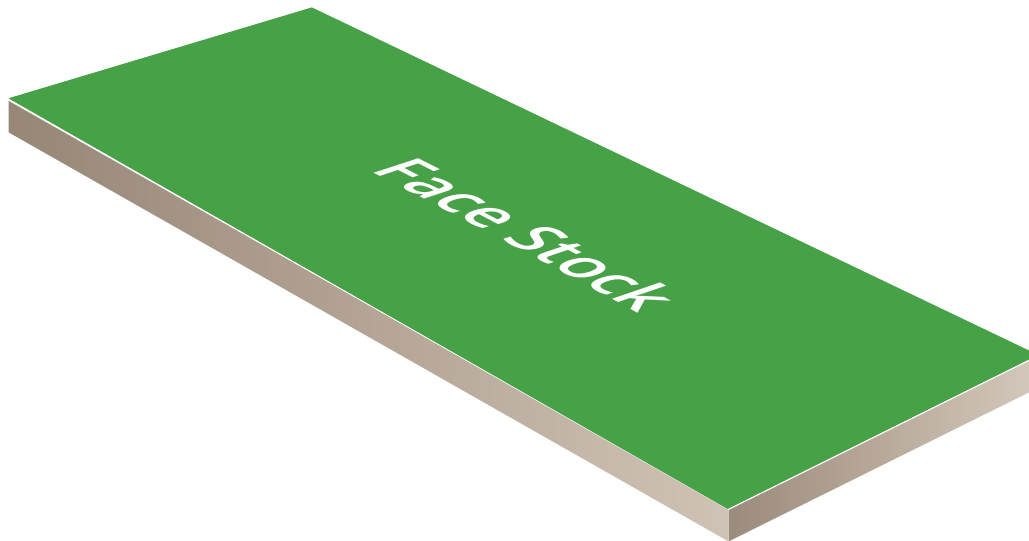


# CP4148



**Labels for Life.**



**Face Stock:** 5 mil transparent, both-sides-polished polycarbonate film. The material offers excellent resistance to extreme temperatures and is specifically designed to not shrink. The material offers great printability without pre-treatment, which allows for multi-layer printing. CP4148 is designed to accept UV ink printing.

• After applied, material might scratch based upon the use of the product.

## Polished Transparent Polycarbonate Film

CP4148 is specifically designed to be a screen printable polycarbonate film. Key features include: UV ink printable, excellent for multi-layered printing, insulative properties, high temperature and harsh abrasion resistance, both sides polished, and high tensile strength. When used in combination with the recommended IDENTCO adhesives and inks, it will meet the most demanding durable labeling requirements. The material can be used over light-emitting devices (LED back-lit panels).

## Typical Applications

- Overlays
- Warning labels
- Gasoline pumps
- Outdoor lenses
- Marine graphics

## Typical Industry Sectors

- Automotive
- Electronics
- Industrial



[www.identco.com](http://www.identco.com)

# CP4148

## Polished Transparent Polycarbonate Film



Labels for Life.



### Agency Recognitions

100% RoHS Compliant



### Adhesion

Tensile Strength  
At yield 8500 psi  
Ultimate 9000 psi



### Material Caliper

Face Stock	.005"	127.0 $\mu$
<b>Total Material</b>	<b>.005"</b>	<b>127.0<math>\mu</math></b>



### Exterior Durability

Recommended: Indoor use.  
• Testing is recommended in actual application.



### Temperature Range

Heat deflection temperature	290°F (143°C)	Vicate softening temperature	320°F (160°C)
Shrinkage temperature	302°F (150°C)	Brittleness temperature	-211°F (-135°C)



### Shelf Life

Recommended Storage: 45-90°F (7-32°C) 20-75%R.H.  
Shelf Life: 2 years @ recommended storage



### Recommended Printing

Screen printed with UV & infrared drying inks



### Chemical Resistance

Testing can be completed upon request.



### Process Durability

It is recommended that customers test the material in actual application to determine if the material meets all requirements.

Note: All values shown are averages and should not be used for specification purposes. Test data and test results contained in this document are for general information only and shall not be relied upon by IDENTCO customers for designs and specifications, or be relied on as meeting specific performance criteria. Customers desiring to develop specifications or performance criteria for specific product applications should contact IDENTCO for further information. Revised 05/17/18.

#### UNITED STATES HEADQUARTERS

28164 W. Concrete Drive,  
Ingleside, IL 60041 USA  
Phone: +1 (815) 385 - 0011  
Fax + (815) 385 - 0359

#### MEXICO MONTERREY

Carretera a Laredo KM 16.5  
Interior 14B Col. Moises Saenz  
Apodaca, Nuevo Leon CP 66613  
Phone: +51 (81) 8008 - 0438

#### EUROPE GERMANY

Güterbahnhofstraße 3-7  
63450 Hanau  
Phone: +49 (6181) 440 830 - 0  
Fax: +49 (6181) 440 830 - 99

#### ASIA HONG KONG

Unit 1208, 12/F, Grand City Plaza  
Tsuen Wan, New Territories  
Phone: +852 2959 2156  
Fax: +852 2959 2019