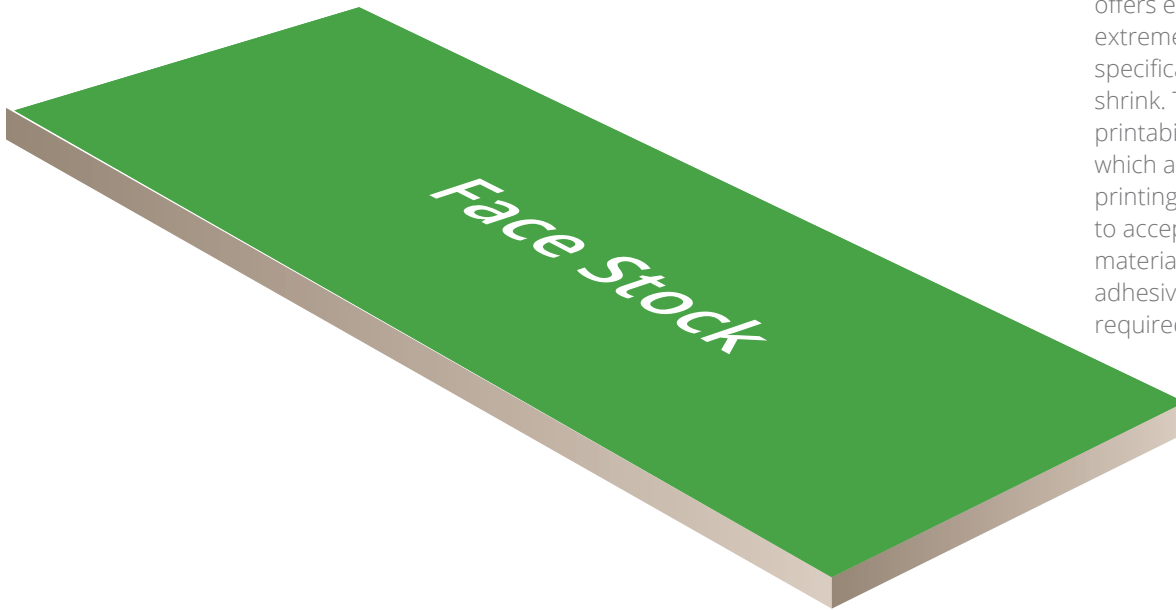


# CP4001



## Labels for Life.

**Face Stock:** 7 mil transparent one side velvet, one side matte 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. CP4001 is designed to accept UV ink printing. This material allows for various adhesives to be applied if required by the user.



## Transparent Polycarbonate Film

CP4001 is specifically designed to be a screen printable polycarbonate film. Key features include: UV ink printable, transparent, roll form availability, high temperature and harsh abrasion resistance, one side velvet, one side matte and high tensile strength. When used in combination with the recommended IDENTCO adhesives and inks, it will meet the most demanding durable labeling applications. The surface is specifically designed to accept UV ink printing. This material is specifically designed to meet UL94 VTM2/V2 flame requirements.

## Typical Applications

- Overlays
- Floor graphics
- Harsh abrasion environment
- In-mould decorations

## Typical Industry Sectors

- Automotive
- Electronics
- Industrial



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# CP4001

Transparent Polycarbonate Film



Labels for Life.

	<b>Recognitions/Compliance</b> 100% RoHS Compliant	
	<b>Material Properties</b> Tensile Strength Elongation at break 100-156%	At yield 8500 psi Ultimate 9000 psi Tensile Modulus 300000 psi
	<b>Material Caliper</b> Face Stock Total Material	.007"      177.8μ .007"      177.8μ
	<b>Exterior Durability</b> Testing is recommended in actual application.	
	<b>Temperature Range</b> Heat deflection temperature 290°F (143°C) Shrinkage temperature 302°F (150°C) Brittleness temperature -211°F (135°C)	
	<b>Shelf Life</b> Recommended Storage: 45-90°F (7-32°C) 20-75% R.H. Shelf Life: 2 years @ recommended storage	
	<b>Recommended Inks</b> Screen printed with: Solvent based inks	Water based inks UV & infrared drying inks
	<b>Process Durability</b> It is recommended that customers test this 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 7/11/2017.

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