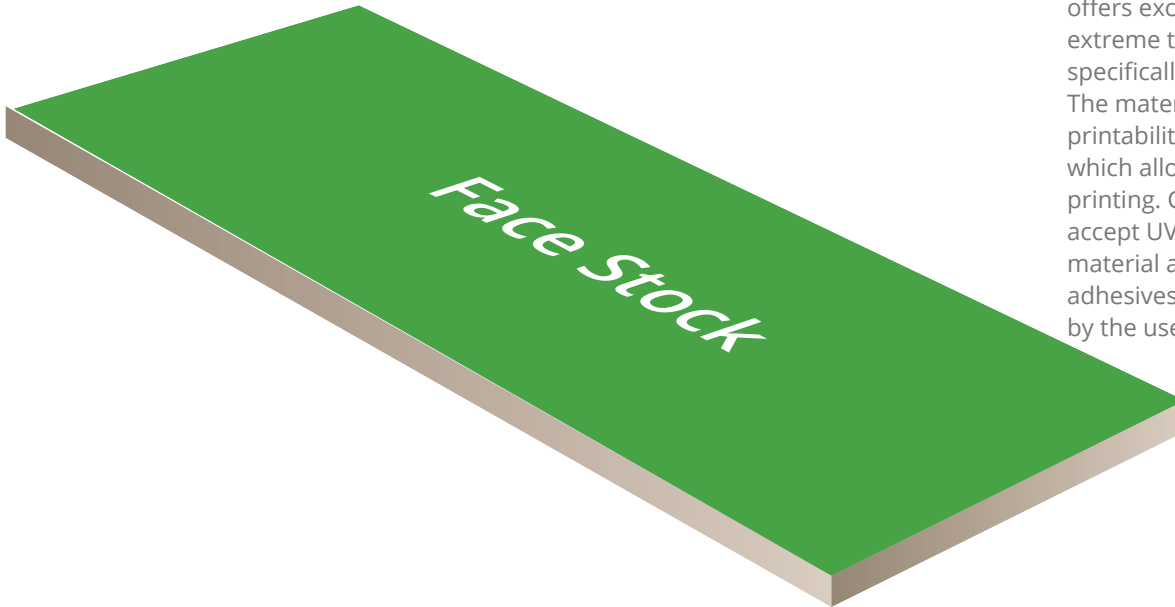


CP4012



Labels for Life.

Face Stock: 20 mil flame retardant, velvet/matte polycarbonate film. The material offers excellent resistance to extreme temperatures, is specifically designed to not shrink. The material offers great printability without pre-treatment which allows for multi-layer printing. CP4012 is designed to accept UV ink printing. This material allows for various adhesives to be applied if required by the user.



Velvet/Matte Polycarbonate Film

CP4012 is specifically designed to be a transparent flame rated to UL 94V-2 polycarbonate film. Key features include: flame rating, will not shrink, high temperature and harsh abrasion resistance, and high tensile strength. When used in combination with the recommended IDENTCO inks and adhesives, it will meet the most demanding durable labeling applications. The material is specifically designed to meet UL94 V-2 flame requirements.

Typical Applications

- Overlays
- Floor graphics
- Harsh abrasion environments

Typical Industry Sectors

- Automotive
- Electronics
- Industrial











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CP4012

Velvet/Matte Polycarbonate Film



Labels for Life.

	Recognitions/Compliance RoHS Directive Compliant 2002/95/EC	
	Material Properties Tensile Strength Elongation at break 100-156%	At yield 8500 psi Ultimate 5000 psi Tensile Modulus 300,000 psi
	Material Caliper Face Stock Total Material	.020" .020" 508μ 508μ
	Exterior Durability Indoor	
	Temperature Range Heat deflection temperature 290°F (143oC) Shrinkage temperature 302°F (150oC)	Brittleness temperature -135°F (-92°C)
	Shelf Life Recommended Storage: 45-90°F (7-32°C) 20-75% R.H. Shelf Life: 2 years @ recommended storage	
	Recommended Inks UV & infrared drying inks.	
	Process Durability 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 7/26/2017.

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