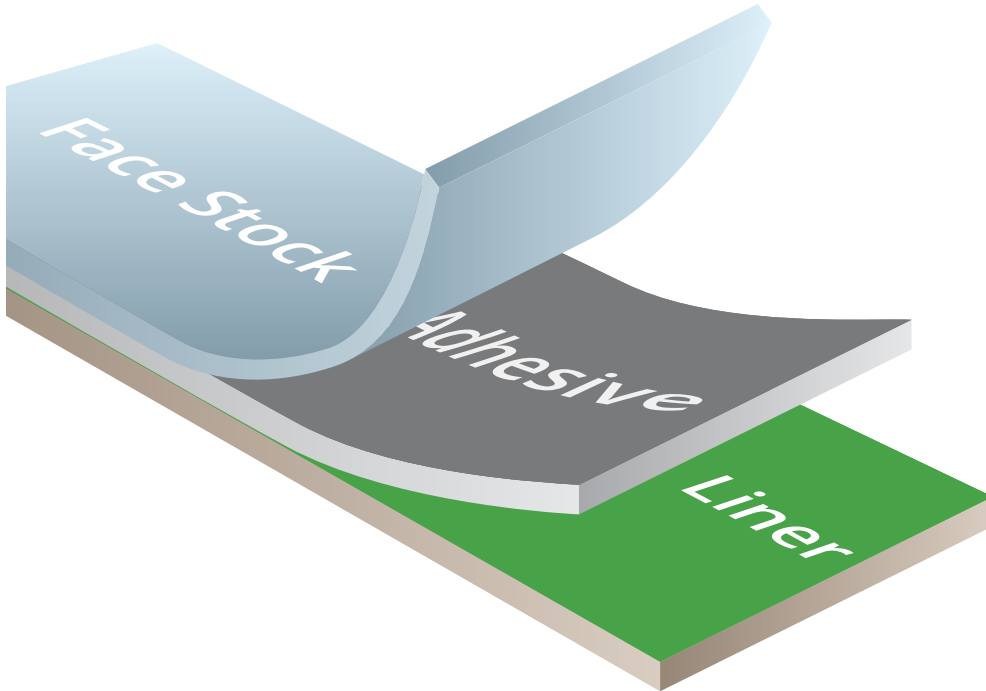


CP4140/ TA9471



Labels for Life.



Face Stock: 10 mil transparent one side matte, one side velvet flame retardant polycarbonate film. The material offers excellent resistance to extreme temperatures, is specifically designed to not shrink and has a high flammability rating. CP4140 meets UL94 V-0 flame requirements. The material offers great printability without pre-treatment which allows for multi-layer printing. CP4140 is designed to accept UV ink printing.

Adhesive: 2.3 mil clear high-performance permanent pressure sensitive acrylic adhesive that is specifically designed for optimal adhesion. Excellent bond to low surface energy plastics.

Liner: Available with a 4.2 mil 58# polycoated kraft release liner.

Matte Transparent Polycarbonate Film

CP4140/TA9471 is designed to be a transparent flame retardant polycarbonate film. Key features include: matte transparent material, flame retardant, will not shrink, and high temperature and harsh abrasion resistance, one side velvet, one side matte with a high tensile strength, optimal adhesion, excellent bond to LSE materials. When used in combination with the recommended IDENTCO materials, it will meet the most demanding durable labeling requirements. The material is specifically designed to meet UL94 V-0 flame requirements.

Typical Applications

- Overlays
- Floor graphics
- Harsh abrasion environments
- In-mould decoration

Typical Industry Sectors

- Automotive
- Electronics
- Industrial



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CP4140/TA9471

Matte Transparent Polycarbonate Film



Labels for Life.



Agency Recognitions



Adhesion

Testing recommended in actual application.



Material Caliper

| | | | | | |
|------------|---------|-------|----------------|---------|--------|
| Face Stock | .01000" | 254μ | Liner | .00042" | 106.7μ |
| Adhesive | .00023" | 54.5μ | Total Material | .01065" | 415.2μ |



Exterior Durability

Testing recommended in actual application



Temperature Range

| | |
|-----------------------------|------------------|
| Heat deflection temperature | 290 °F (143 °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

UV Screen Printing



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 05/03/18.

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