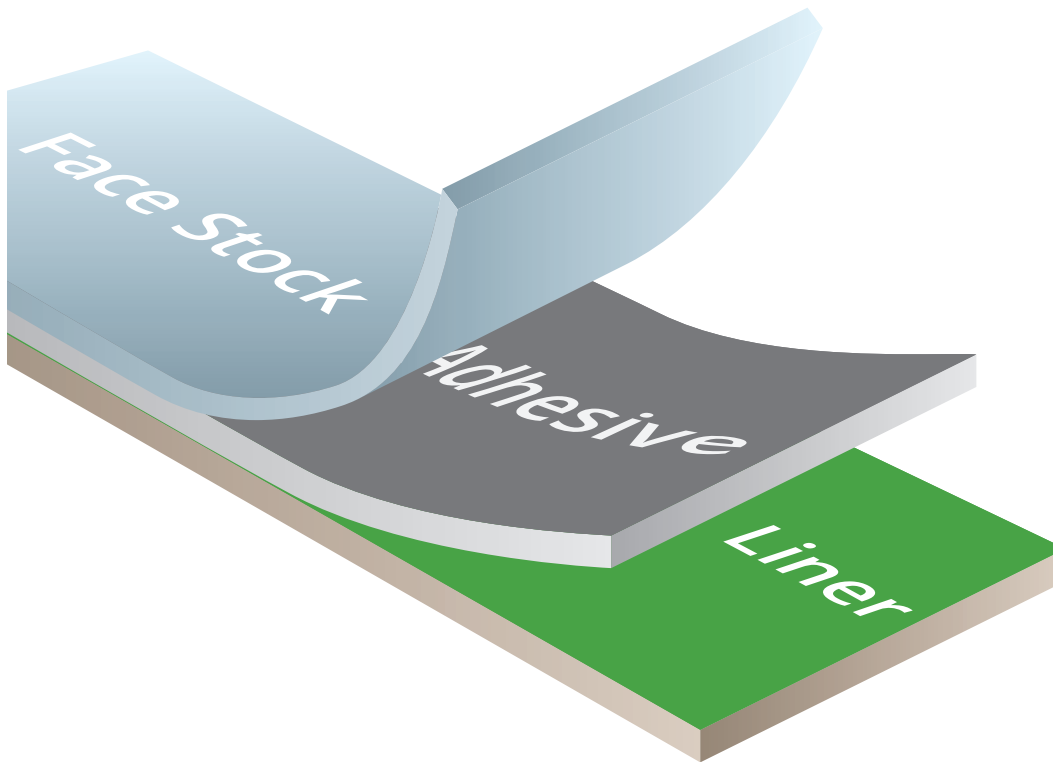


# TT700MGL



## Labels for Life.



**Face Stock:** 1 mil topcoated gloss white polyester offers excellent abrasion and harsh chemical resistance. The material performs best on the topside of a circuit board where heat exposure is limited. The material will not shrink and is specifically designed to be UV flexographic and thermal transfer printed

**Adhesive:** 0.8-0.9 mil high performance permanent acrylic adhesive offering excellent harsh chemical, smudge and abrasion resistance.

**Release Liner:** 50# glassine release liner designed for excellent performance auto apply applications.

## Thermal Transfer Gloss White Polyester Film

TT700MGL is designed for UV flexographic with the option of thermal transfer printing. Key features include: indoor and outdoor applications, conformable, smudge, solvent and abrasion resistance. When used in combination with the recommended IDENTCO printing, it will meet the most demanding durable labeling requirements.

## Typical Applications

- Name plates
- Rating Plates
- Serial identification labels
- Industrial Barcodes
- Electronic Components Marking

## Typical Industry Sectors

- Automotive
- Electronics
- Industrial



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# TT700MGL

Thermal Transfer Gloss White Polyester Film



Labels for Life.

**Agency Recognitions**  
100% RoHS Compliant

**Adhesion**

|                 |          |         |       |          |         |
|-----------------|----------|---------|-------|----------|---------|
| Stainless Steel | 45 oz/in | 495 N/m | Glass | 49 oz/in | 539 N/m |
| Acrylic         | 51 oz/in | 5610N/m |       |          |         |

**Material Caliper**

|            |               |            |                       |                      |                     |
|------------|---------------|------------|-----------------------|----------------------|---------------------|
| Face Stock | .0010"        | 25.4μ      | Liner (glassine)      | .0027"               | 68.6μ               |
| Adhesive   | .0008"/.0009" | 20.3/22.9μ | <b>Total Material</b> | <b>.0045"/.0046"</b> | <b>113.4/117.0μ</b> |

**Exterior Durability**  
Material Only: 2 Years  
Material w/ TTRR-D Ribbon: 2 Years

**Temperature Range**  
Service Temperature: -40°F to 302°F (-40°C to 150°C)  
Minimum Application Temperature: 50°F (10°C)

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

**Recommended Ribbons**

|  |                     |                      |                                  |
|--|---------------------|----------------------|----------------------------------|
|  | <b>Pre-printing</b> | UV flexographic inks | <b>Thermal Transfer Printing</b> |
|  |                     |                      | TTRR-B                           |
|  |                     |                      | TTRR-D                           |

**Chemical Resistance**

| Chemical Agents    | Material Only (w/o printing) | Printing (TTRR Ribbon) | Printing (Cotton swab rub) |
|--------------------|------------------------------|------------------------|----------------------------|
| Household Cleaners | Passed                       | Passed                 | Passed                     |
| Oil                | Passed                       | Passed                 | Passed                     |
| Water              | Passed                       | Passed                 | Passed                     |
| Isopropyl Alcohol  | Passed                       | Passed                 | Passed                     |
| Mild Acid          | Passed                       | Passed                 | Passed                     |
| Mineral Spirits    | Passed                       | Passed                 | Passed                     |
| Toluene            | Passed                       | Failed                 | Failed                     |

**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 11/1/2016

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