TT760P

Thermal Transfer Gloss White Polyester Film

TT760P is designed for on demand and UV flexographic printing of variable information. Key features include: indoor and outdoor applications, will not shrink and excellent chemical, smudge and abrasion resistance. When used in combination with the recommended IDENTCO ribbon, it will meet the most demanding durable labeling requirements. Preheating of the label surface will enhance the performance.

Face Stock: 2 mil topcoated gloss white polyester offers excellent resistance to smudges, solvents and abrasion. The material is specifically designed for use on the top side of printed circuit boards and to be UV flexographic printed. The material will not shrink.

Adhesive: 1.9-2.1 mil high performance, heavy duty permanent acrylic adhesive offering excellent solvent, smudge and abrasion resistance. Specifically designed for smooth, but difficult to adhere to surfaces.

Release Liner: 50# kraft liner designed to offer excellent performance for manual application.

Typical Applications

- Name plates
- Rating plates
- Industrial Barcodes
- Property Identification
- Serial Identification
- Electronic components marking

Typical Industry Sectors

- Automotive
- Electronics
- Industrial

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## TT760P

**Thermal Transfer Gloss White Polyester Film**

### Agency Recognitions

- UL-MH16873/ MH16225
- RoHS Directive Compliant 2002/95/EC

### Adhesion

<table>
<thead>
<tr>
<th>Material Type</th>
<th>Stainless Steel</th>
<th>Acrylic Power Paint</th>
<th>Polypropylene</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sticking Power (oz/in)</td>
<td>87</td>
<td>89</td>
<td>36</td>
</tr>
<tr>
<td>Adhesion (N/m)</td>
<td>957</td>
<td>979</td>
<td>396</td>
</tr>
</tbody>
</table>

- HD Polypropylene: 42 oz/in, 462 N/m
- Polycarbonate: 99 oz/in, 1089 N/m
- Epoxy Power Paint: 111 oz/in, 1221 N/m
- Polyester Powder Paint: 47 oz/in, 517 N/m

### Material Caliper

- Face Stock: .0020” 50.8μ
- Adhesive: .0019”/.0021” 48.2/53.3μ
- Liner (kraft): .0030” 76.2μ
- Total Material: .0069”/.0071” 175.2/180.3μ

### 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

- TTRR-B UL
- TTRR-D UL

### Process Durability

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

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**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 8/2/2017.