The Autostat Product Range
Heat stabilised polyester film

Autostat films are ideally suited for touch switches, keypads, diagnostic test strips, sensors and other electronic circuitry applications.

Autostat WT films can be used as general printing substrates where a white background is required. If used as a top circuitry layer, the white opaque film can back up printed colour on the graphic overlay increasing their opacity and totally hiding the circuitry underneath. The white colour can also act as an excellent reflector for surface mount LED's.

**Autostat Films**
Are designed with high dimensional stability due to the MacDermid Autotype heat stabilisation process. This allows curing of conductive inks at high temperatures with minimal effect on the registration or the lay-flat characteristics of the film. The dimensional stability of the Autostat films ensures that tight registration tolerances can be achieved during multiple printing operations. Planarised functional layers also provide a smooth surface for thin vapour deposition of conductive coatings requiring very low resistance.

**Designed characteristics:**
- Heat stabilised
- Receptive to a wide variety of printed electronic and graphic inks
- A range of optical characteristics and clarity
- A variety of surface treatments
- Available in different thicknesses
- White films meet the critical requirements for medical applications

<table>
<thead>
<tr>
<th>Applications</th>
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<tbody>
<tr>
<td>Flexible circuitry</td>
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<td>Medical diagnostics</td>
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<tr>
<td>Printed electronics</td>
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<td>FIM graphics</td>
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<td>Sensors</td>
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<td>Batteries</td>
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<td>Heaters</td>
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<td>Printed LED's</td>
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</table>
An Autostat film for every Application

<table>
<thead>
<tr>
<th>Film</th>
<th>Gauges</th>
<th>Product</th>
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<tbody>
<tr>
<td>Autostat CT</td>
<td>75µ</td>
<td>Clear, adhesion treated</td>
</tr>
<tr>
<td></td>
<td>100µ</td>
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<td></td>
<td>125µ</td>
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<td></td>
<td>175µ</td>
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<tr>
<td>Autostat CP</td>
<td>175µ</td>
<td>Clear, adhesion treated, planarised</td>
</tr>
<tr>
<td></td>
<td>250µ</td>
<td></td>
</tr>
<tr>
<td>Autostat CUS</td>
<td>125µ</td>
<td>Clear, non primed, slip treated</td>
</tr>
<tr>
<td>Autostat AHU</td>
<td>75µ</td>
<td>Hazy, untreated</td>
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<td></td>
<td>100µ</td>
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<td></td>
<td>125µ</td>
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<td></td>
<td>250µ</td>
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</tr>
<tr>
<td>Autostat HT</td>
<td>125µ</td>
<td>Hazy, adhesion treated</td>
</tr>
<tr>
<td>Autostat WT</td>
<td>75µ</td>
<td>Opaque white finish, two side adhesion treated</td>
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<tr>
<td></td>
<td>250µ</td>
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</tr>
<tr>
<td></td>
<td>350µ</td>
<td></td>
</tr>
<tr>
<td>Autostat WP</td>
<td>500µ</td>
<td>Opaque white finish, one side primer treated, planarised</td>
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</tbody>
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Please enquire about additional options.
For specific characteristics refer to the Technical Data Sheet.

For further information please contact salessupport@macdermidautotype.com