ANCHORSIL* 2000
anchorage additive

Key Features and Typical Benefits

- Excellent anchorage promoter for untreated polyester films
- Can be effective in formulation with and without modulator (CRA(1))
- Can be considered for use with in-line as well as for off-line adhesive lamination
- Additive to be considered for use with the standard thermal solventless release coatings from Momentive Performance Materials, e.g.: SilForce* SL6161/SL6625/SL7061 release coatings
- Can promote bonds to PET substrates at web exit of 120-140°C and dwell time of 2-6 sec.
- Maintains anchorage over time with wide range of adhesives, e.g.: water-based acrylic PSA(2)
- 100% non-hydrolizable polysiloxane and fully integrated into the PDMS network

1) Controlled Release Action
2) Pressure Sensitive Adhesive

100% active organo-functional polymer that can aid the adhesion of thermally cured solventless silicone release coatings to polyester films.

SilForce SL6625/SL6635/SS4300C 25% of CRA and standard SiH/SiVi ratio

<table>
<thead>
<tr>
<th>Dwell Time</th>
<th>+3% Anchorsil 2000 With Corona (1.5-2.3KW)</th>
<th>+3% Anchorsil 2000 Without Corona</th>
<th>0% Anchorsil 2000 With Corona (1.5-2.3KW)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 sec</td>
<td>Initial No rub off</td>
<td>Aged No rub off</td>
<td>Initial Rub off</td>
</tr>
<tr>
<td></td>
<td>3 sec</td>
<td>No rub off</td>
<td>Aged Rub off</td>
</tr>
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Oven setting 150 °C, Web exit temp ~130 °C, PET of 23-36 microns.
Aging Test: Liner laminated with water-based acrylic and aged 65h at 95% RH and 60°C.

Note: Test results. Actual results may vary.

Higher web temperature, longer dwell time and in-line corona treatment have been found to enhance the anchorage. On some substrates and at specific curing conditions, corona treatment may not be necessary as illustrated. Several untreated polyester grades have been successfully tested with our standard SilForce SL6625/SL6635/SS4300C release coating + Anchorsil 2000 anchorage additive system.

Supplier
- Jindal
- Mitsubishi
- SKC
- Toray

PET Reference
- J405
- Hostaphan RNK
- Skyrol SM30
- Luminor 60.01

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