3 good reasons to use Fuji Pressure Sensitive Film:

1. Quickly check the nip width and load distribution
2. The more intense the color, the higher the load
3. Use it in the press section, the size press, calendar rolls, the winder...

Improve the yield – check the nip load

Non-uniform nips usually lead to wrinkles, web breaks and poor sheet profiles. These are all costly problems that can ruin the machine’s runnability and yield. Fuji Pressure Sensitive Film is the advanced troubleshooting tool to identify all kinds of nip deviations like:

- Uneven load
- Incorrect crowning (picture A)
- Misalignment (picture B)
- Damaged roll covers (picture C)
- Soft spots in roll covers (picture D)
- (Partially) worn roll covers (picture E)

Applications in the Paper Industry

Fuji Pressure Sensitive Film is most commonly used to detect non-uniform load distribution in the press section, the size press and the calendar. Other applications are for example checking the winding quality of the re-winder and gaskets of the steam and condensate system.
FUJI PRESSURE SENSITIVE FILM

MAXIMIZING RUNNABILITY

How it works
One side of the film contains micro-capsules, the other a color-developing layer. Under pressure the micro-capsules burst and red patches will appear on the film. The higher the pressure, the more capsules will burst and the more intense the color will be.

The Fuji Pressure Sensitive Film comes with:

- Two-sheet system (W series) or single sheet (S series)
- User Instructions in English
- Read-out table

<table>
<thead>
<tr>
<th>Roll Dimensions</th>
<th>Product type</th>
<th>Code</th>
<th>Pressure Range</th>
<th>Typical application in Paper Industry</th>
</tr>
</thead>
<tbody>
<tr>
<td>310 mm x 3 m</td>
<td>Extreme Low Pressure</td>
<td>4LW</td>
<td>0.05 0.2</td>
<td>Roll winding</td>
</tr>
<tr>
<td>270 mm x 5 m</td>
<td>Ultra Super Low Pressure</td>
<td>LLLW</td>
<td>0.5 2.5</td>
<td>Roll winding</td>
</tr>
<tr>
<td>270 mm x 6 m</td>
<td>Super Low Pressure</td>
<td>LLW</td>
<td>0.5 2.5</td>
<td>'Soft' press nip; size press; calender rolls</td>
</tr>
<tr>
<td>270 mm x 12 m</td>
<td>Low Pressure</td>
<td>LW</td>
<td>2.5 10</td>
<td>'Hard' all-steel nips; calender rolls</td>
</tr>
<tr>
<td>270 mm x 12 m</td>
<td>Medium Pressure</td>
<td>MW, MS</td>
<td>10 50</td>
<td>Checking surface contact, gaskets, etc.</td>
</tr>
<tr>
<td>270 mm x 12 m</td>
<td>High Pressure</td>
<td>HS</td>
<td>50 130 Mpa</td>
<td>Checking surface contact, gaskets, etc.</td>
</tr>
</tbody>
</table>

Applications in the Paper Industry:

Size Press:

Checking the winding quality of the re-winder:

Performing measurements of any kind on running paper machines is potentially dangerous and requires alertness, concentration and common sense.

The products of Feltest Equipment BV are designed and constructed to be as safe as possible for their intended use. Feltest Equipment BV cannot be held responsible or liable in any way for injuries or damages that occurred using Feltest Equipment BV’s products.

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