

## Test strips for roll inspection

Test strips for roll inspection at padders, crushing rolls for drainage and kalenders are a practical tool to examine the uniformity when imprinting the rolls. They allow an exact picture of the condition of the roll pair and show errors in the pressure system.

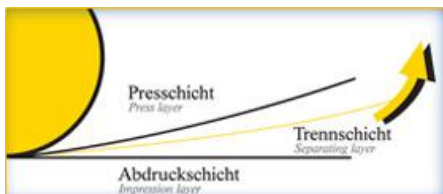


Picture 1 – test strips packed

## Application

The test strip is put into the squeezing gap when the machine stands still. Subsequently the roll system is put under pressure for a short time (increase of tap pressure and inner pressure in case of deflection systems). Then the roll is twisted at 90° and one more imprint is made.

Through the two layers of paper webs the uniformity of the squeezing gap can be determined as under pressure the rolls cause an optical chemical reaction which leads to the marking of a colored stripe on the paper.



Picture 2 – application test strips

## Evaluation

In an optimal case the paper stripe reveals a uniform width. This means that the moisture

absorption is uniform along the whole width and an optimal bath application resp. pickup can be achieved.

In case different widths are measured on the paper stripe, the pickup is uneven which leads to side-to-center shadings on the products. A wider imprint on the paper stripe indicates a too high pressure, a narrow imprint shows a too low pressure at this place. By regulating the tap pressure on the roller pins or inner pressure in case of deflection controlled systems the inequalities can be compensated. Eventually the roll has to be sanded.

## Features

- Robustness of the paper stripe protects against ripping, application also possible in wet areas
- Simple handling through length marks with 50 cm distance
- Measurement of different roll lengths is possible
- Temperature impervious coating makes possible the examination of warm and cold rolls

### Test strips for roll inspection

<b>length</b>	50 m, length tags every 50 cm
<b>width</b>	16 cm
<b>package item</b>	from 1 piece

## Orders at:



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