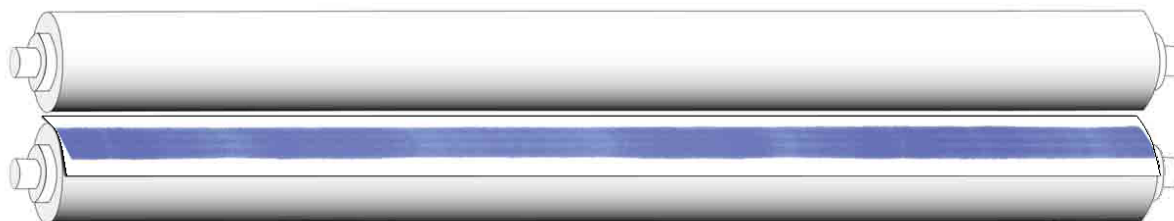
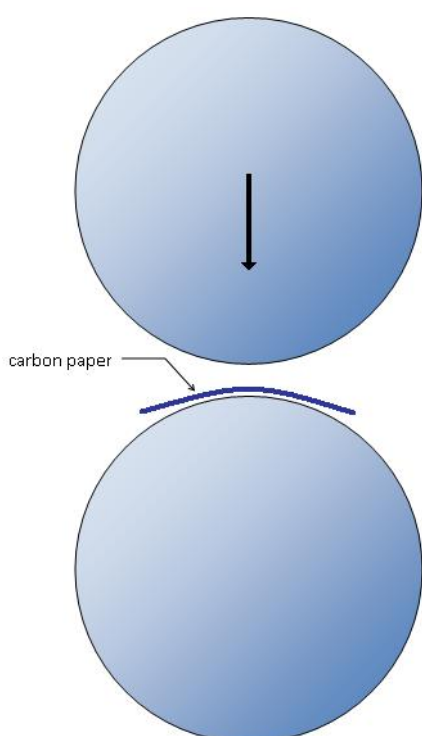


Feltest carbon paper for nip impressions



Feltest carbon paper is strictly designed for measuring nip width.



With any paper making and converting machinery, uneven nip rollers cause web handling waste and yield deficiencies. Non-uniform nips usually lead to wrinkles, web breaks and other troubles. For a system maintenance engineer, identifying these little problems with big consequences can be difficult and time consuming. Feltest's carbon paper is a thin color changing pressure activated paper, is an easy and efficient troubleshooting tool that can quickly be put to the task of detecting problem areas.

The Feltest carbon paper determines the actual working, static, nip width between to mating rolls. The paper immediately changes color upon the application of pressure, enabling the user to easily analyze/measure the nip "footprint" (nip width) both visually or, for more intense scrutiny, with a ruler or micrometer. This measurement then allows the technician to adjust the roll pressures accordingly to achieve the proper nip alignment.

Feltest carbon paper is extremely economical and a practical solution for determining proper crowns, roll parallelism and alignment, and symmetrical loading. Feltest carbon paper is a self contained single sheet system, making it usable by just one person, and can be easily encased for waterproofing purposes.

Specifications	
Pressure minimum	2.1 MPa - 21 kg/cm ² (300 psi)
Humidity range	10 – 90 % RH
Thickness	0.4 mm (15 mils)

For nip load impressions, please use Feltest pressure indicating film ("Fuji™ film") and the digital evaluation system.

How to use Feltest carbon paper:

1. **Cut the film** to the required dimensions. For the best analysis it is advised to use a strip over the full length of the nip, as shown in the illustration on top of this page.
2. **Prepare the film for use.** The carbon paper can withstand limited amounts of water. If the surroundings are very wet, pack the film in plastic foil. Then place the film on one of the rolls with some tape.
3. **Close and open the nip.** When the minimum pressure is reached, the carbon paper turns dark.
4. **Take out the film and analyze the nip width.**