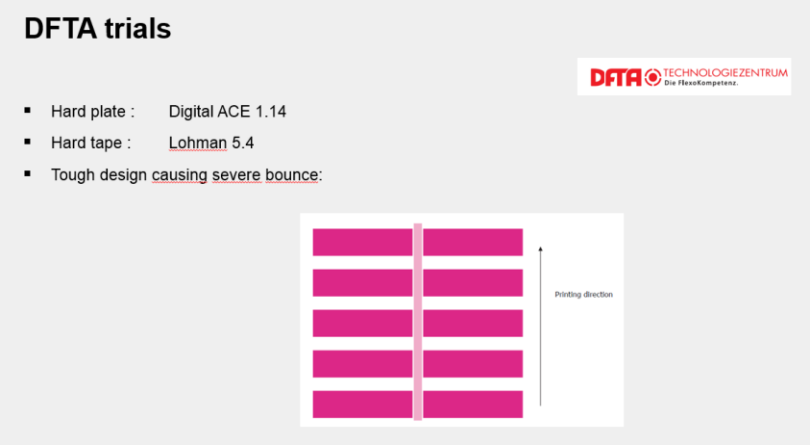
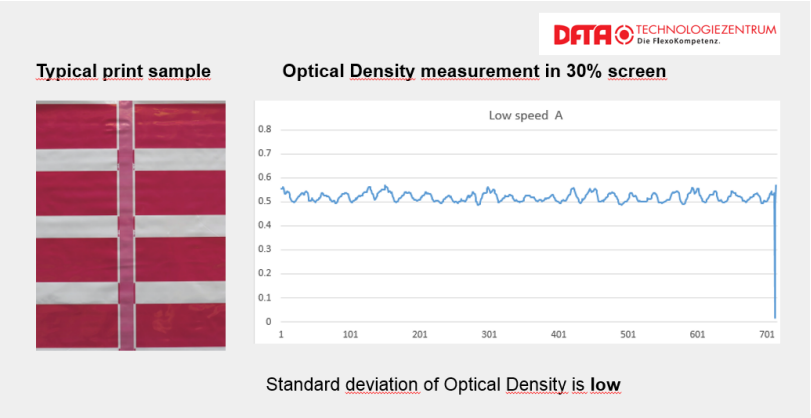
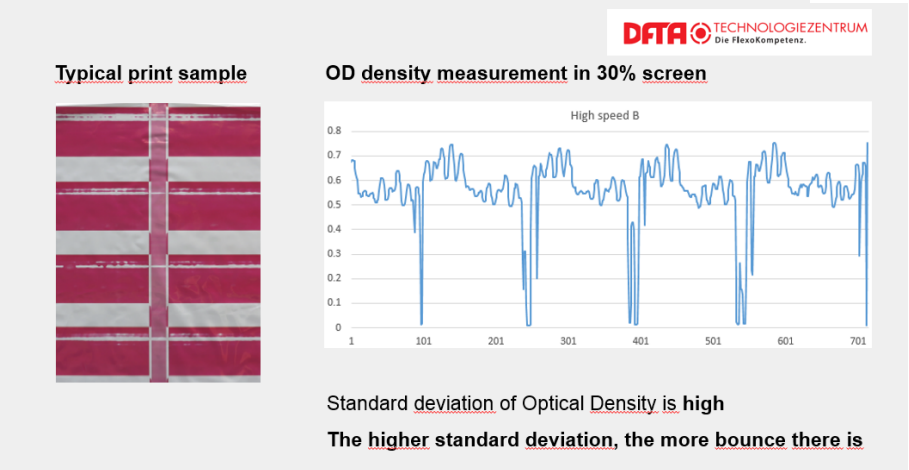
1. Demonstration of the dampening behavior

To demonstrate the bounce reduction, a thorough bounce benchmark of 6 different sleeves of the market was conducted at the German DFTA.

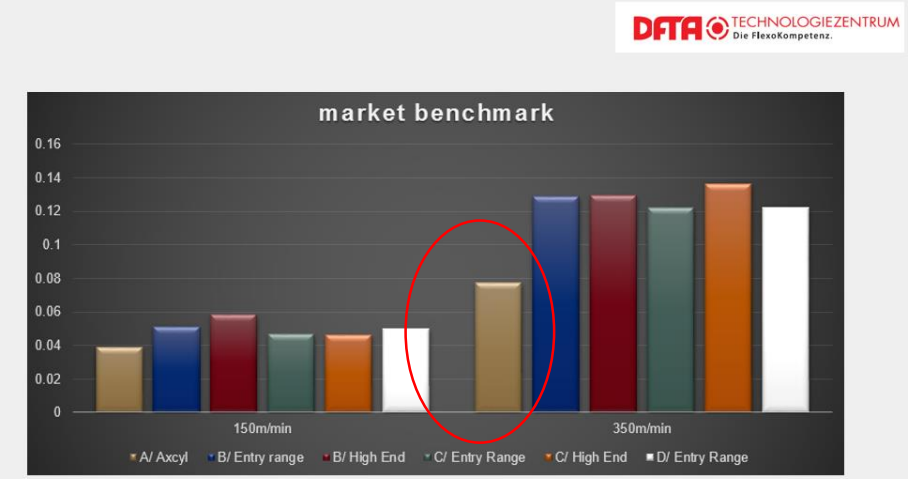


Through Optical Density measurement in the screen, one could work out range and standard deviation of the printed density. The higher the deviation, the worse the visual aspect of the print:





Here is the outcome of the 6 different sleeve benchmark, Trelleborg/Axcyl being the golden colour in the graph:



One can easily see that the Axcyl/Trelleborg sleeve Optical Density variability **is about half the variability** of other sleeve technologies, demonstrating that indeed, the Trelleborg structure dampens vibration coming from printing plate.

The specific damping properties of Trelleborg sleeve mounting layer allows printers to enjoy a speed increase of 10% to 20% vs alternative plate mounting sleeve technologies, depending of type of jobs, press, substrates, inks, run length….

The ends

More info

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