

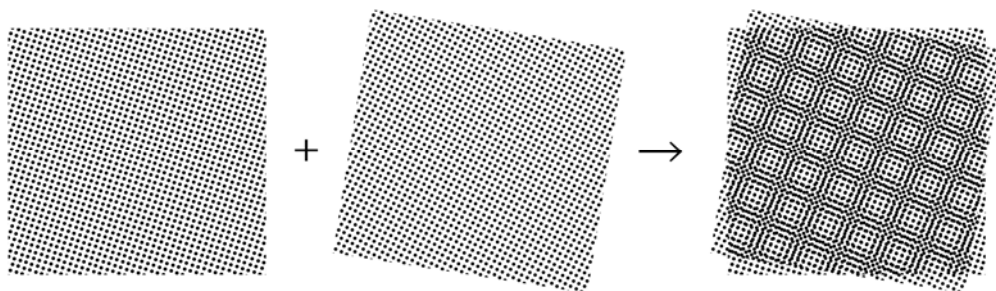
Problem Moirée Effect on digital printed fabrics

Visual characteristic:

small 0,5-1cm wide stripes appear mostly on darker blockcolors. Stripes are not symmetric and flow mostly diagonal and parallel.

On white spaces on the fabric no effect is visual!!

Changing the viewing perspective or light, the stripes nearly disappear.



Printmedia:

mostly on knitted fabrics with slight structure, but sometimes also on woven fabrics

Printtechnology:

dyesub, solvent, UV

Reason:

the raster of the print is in conflict with the structure of the textile.

Solution for the problem:

1. change the raster of the print
2. turn the print 90 degree
3. change the hight of the printhead
4. change to slower printmodus
5. just for dyesub: use the backside of the fabric

more info:

this problem is very well known to industrialised digital printers, so info can be found in the web: Wikipedia "Moirée"

Your Berger Team

Krefeld, September 2009