

Lace Romance: Engineered Jacquard Wovens

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Lace Romance is a sweet pencil skirt with an engineered jacquard-woven textile design. The yarns that formed the jacquard woven create a fiber content of about 67% cotton and 33% acrylic.

The patterns for the skirt were completely developed under Adobe Illustrator then converted into a raster format to be imported into Kaledo Print. Hand-drawn-then-computerized/edited floral designs were then imposed on the skirt pattern utilizing Kaledo's tools. A total of 9 colors in the engineered design, these were then converted into weaving patterns according to the jacquard weaving blanket for the particular weaving machine used. A preview was developed using EAT software to finalize the design.

After weaving, the fabric was then washed to shrink to the predicted measurements, and then the engineered

skirt patterns were cut and sewn to create the final product. Overall, this product shows the potential and future of engineered textile designs in fashion design as well as the potential textures and detail jacquard weaving can lend to apparel design.