

Ambitious approach

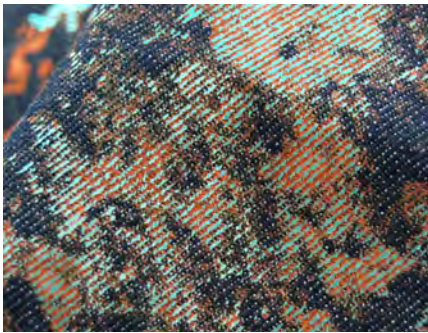
There are no boundaries to Cotton Incorporated's ambition to explore what can be done when you mix US cotton with the latest weaving and knitting technology.

Woven fabric

Denim foil with tinted adhesive for a patina effect

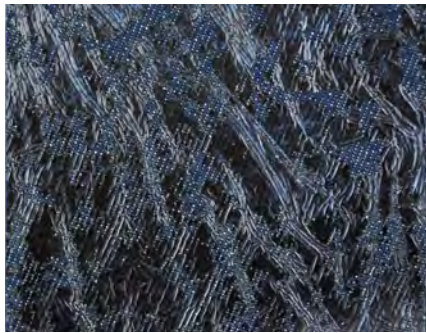
This denim fabric has been hand processed to create the look of corroded metal. A bright orange pigment is added to the adhesive and hand applied by sponge to emphasise the irregular textures of the cotton material. A turquoise foil is then applied to the surface.

The overall effect leaves the orange visible through the texture of the twill, with the foil sitting only on the highest points to give a metallic patina effect.



All-over foil on denim

Here a black foil was applied in an irregular pattern on a denim base fabric, creating a leather look. The adhesive was hand applied by sponge and a shiny black foil laid on top. The foil was wrinkled prior to application for a textural effect. The matt denim fabric contrasts with the shiny foil.



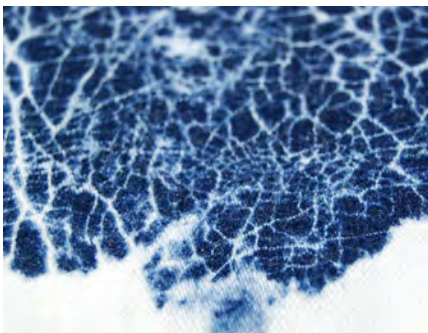
Layered digital print with clear foil

This lightweight cotton plain weave is digitally printed in a camouflage pattern. The pixelated character is mimicked by the foil application, using a scattered block motif.



Crackle garment wash with ombré effect

The crackle effect on this indigo denim was achieved by using Resoko Net from Italian chemical company Soko Chimica. The lightning bolt effect can be applied in localised areas or all-over for a full garment effect. Once in garment form the fabric was modified to create an ombré effect, so that the crackle moves from the dark indigo base and to the bleached white at the bottom.



Multi-colour dye effect in garment form
Cotton Inc has collaborated with **Tonello Garment Finishing Technologies** on a number of woven developments featuring dyeing, washing and laser techniques that employ **Tonello's Kit Batik** technology.

First the bull denim base fabric is dyed using **Tonello's Kit Batik - Multicolor Batik**, creating an overall mottled appearance with irregular patterning. Weaker patches of colour are combined with saturated rich shades.



Pointed twill with rainbow slubs

This pointed twill construction has been enhanced with a multi-colour polyester slub yarn. The fabric is processed in a continuous fabric tumbling machine to impart a soft, supple hand. It is designed for women's apparel or interior fabrics.

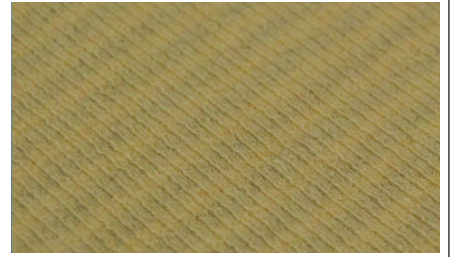


Knitted fabric

Storm Cotton stretch double face textural knit with over dyed horizontal stripe

The new look Storm Cotton fabrics have a textural double knit stretch for mid-weight jackets and other apparel designed for cool, wet weather.

This fabric features a textural pinstripe on one side and horizontal stripe on the other. It is knitted with grey and natural yarns, then over dyed a butter yellow shade. Comfort stretch is achieved using plating with bare spandex.



Discharge printed stretch double face - over dyed horizontal stripe

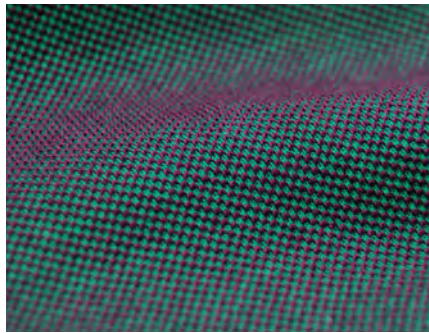
This fabric has a textural pinstripe on one side and grey/butter yellow horizontal stripe on the other. The design is applied to the dyed fabric using discharge printing and a colour-destroying agent which bleaches the light pattern onto the darker ground. As only some of the dyestuff components were affected a light lavender shade is produced.



Double mercerised TransDRY yarn dye single pique

Intended for performance activewear, TransDRY moisture management technology helps cotton better wick and spread moisture.

For this project Cotton Inc worked with Dong-Il in Korea. The 28 gauge single knit pique was developed with mercerised, untreated and TransDRY treated dyed cotton yarns. To add further lustre, the fabric was also piece mercerised. A striking iridescence is achieved.



Ruffle knit

The exaggerated blister knit is dyed using **Tonello's Multicolor Batik** process in vibrant shades of yellow and orange, offset with black dye to give the fabric vintage appeal. Womenswear is the target market, although Cotton Inc also thinks pillows or blankets would be suited to this fabric.



Three-end French terry

A loosely knit 100% cotton three-end French terry fabric was sulphur dyed black. Panels are cut and discharge printed with a crackle design and then an aqua reactive dye is applied. For a soft handle these panels were finished with Cotton Soft W, one of Cotton Inc's softest standard finishes.



Graduated ottoman

The ottoman fabric has the look of an indigo knit but has been sulphur dyed with Clariant's Indiblue. Cotton Inc created the appearance of faded denim by processing fabric panels using **Tonello's Antarctic Batik** technique. The fabric was then enzyme washed and digital printed with a faded out polka dot.



Reverse slub jersey

Using Cotton Inc's Amsler system, this jersey fabric is knitted using a reverse slub yarn, which produces a concentration of thin areas amongst the regular yarn that gives the fabric a burn-out look. The fabric was then dyed red and processed using **Black Color Batik**. The sun pattern was lasered on to the fabric using **Laser Blaze technology**.

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