

## The possibilities are endless with 3D printing

By leveraging 3DFashion technology, companies can reduce overproduction and create custom pieces on demand, leading to fewer excess fabrics being wasted in production. In addition, 3DFashion allows manufacturers to cut down on time-consuming steps in the traditional production process, resulting in significant cost savings. With the ability to rapidly produce complex designs with intricate details on fabric that would not be possible with traditional manufacturing techniques, direct-to-textile 3D printing has opened up new possibilities for product innovation within the fashion industry. Furthermore, allows designers to produce one-off pieces and small batches that are limited edition or personalized items that stand out from mass produced products. All these factors make Stratasys 3DFashion technology an increasingly attractive choice for designers and manufacturers looking to remain ahead of their competition while also staying true to sustainable values.



3D printed design by Karim Rashid  
photo: Stratasys

Learn more about Stratasys 3DFashion technology: <https://qrco.de/-fashion>



## MADEIRA Sustainable embroidery with Madeira

Sustainable textiles are more important than ever. Ultimately, to produce garments that are both sustainable and on-trend, we must reimagine a new textile system that is more aligned to a circular approach; one that is restorative and regenerative by design, while providing environmental and societal benefits. There are three basic principles to circularity: eliminating waste and pollution, circulating products and materials, and nature regeneration. One route that we are taking at Madeira is turning post-consumer PET bottles into sustainable embroidery threads. Another is through renewable sources. These threads are free from harmful substances and offer the performance, sustainable and trend attributes required for environmentally friendly designs.

### Sensa Green

Madeira Sensa Green thread is made from biodegradable Lyocell fibres. It's responsibly produced using wood from sustainably managed forests and energy efficient processes. As the first of its kind coloured lyocell machine embroidery yarn, it's naturally strong, smooth and silky matte for endless design opportunities, from fashion to logos and decor.

### Polyneon Green



Polyneon Green is made from 100% recycled polyester (post-consumer PET bottles). Since it reuses plastic waste, it saves resources and is less energy consuming than the production of standard oil-based fibres. High performing, robust and shiny, it's an environmentally friendly substitute for conventional embroidery thread. Due to its strength, it's ideal for workwear and can withstand wear and tear in a more sustainable way.

At Madeira, we firmly believe that a more sustainable textile production is the only step towards a better future. With the Madeira Green range product range, we are able to offer a certified sustainable and future-proof product portfolio.



For more information on premium and sustainable embroidery threads and supplies, visit [madeira.com/sustainability](https://madeira.com/sustainability).