

ECLIPSE LAUNCHES SUSTAINABLE SWIM + ACTIVE WEAR FABRIC

Eclipse Textiles has launched an innovative sustainable techno-fabric that uses the latest yarn and knitting technologies. Targeting the swimwear and active sports garment markets, the fabric offers exceptional chlorine resistance.

Carvico techno-fabric Vita Xtra Life Lycra® is made with Econyl – 100 per cent regenerated nylon and polyester fibre from post-consumer materials.

“The innovative Econyl Regenerated System is based on sustainable chemistry,” explained Vanessa Coult, marketing & product development designer. “With this process, the nylon and polyester contained in waste, such as carpets, clothing and fishing nets, is transformed back into virgin raw material without any loss of quality.”

“Due to the utilisation of the latest yarn and knitting technologies, the fabric is 20 per cent flatter than normal Matt Xtra Life Lycra®, even though it still has the same classic power and coverage,” said Coult.

“Thanks to its innovative construction and presence of Xtra Life Lycra®, this fabric is more chlorine resistant than your average swimwear fabric, and shows double resistance to fibre breakage than the best competitor’s fabric in the market.”

“Xtra Life Lycra® Fibre resists fabric breakdown more than five times longer than average chlorine-resistant spandex. Fibre breakage can cause fabric breakdown very quickly. Swimwear garments using Xtra Life Lycra® Fibre have no significant fibre breakage even after 240 hours of exposure.”

“Deterioration in swimsuits is mainly determined by elastane breakage, which weakens the fabric and causes a loss of shape and fit. As well as laboratory analyses, the live tests carried out on Vita in the swimming pool with professional athletes showed that Xtra Life Lycra® fibre offers much greater resistance than the best chlorine-resistance competitor’s elastane.”

Vita also has four times more fabric compression power capacity than competitors fabric with other chlorine-resistant elastane, which is essential for the active sports industry. And thanks to its new unique knitting technology, its soft and smooth surface meets the highest quality standards for sublimation print technology. The fabric’s flat surface is the perfect platform to apply your own sublimation print, creating a magnificent crisp, clean finish.



FEATURES AND BENEFITS

- _ Sustainable
- _ Smooth and soft
- _ 20 per cent flatter
- _ Extra strength
- _ Outstanding quality
- _ Shape retention
- _ Maximum durability
- _ UPF 50+ sun protection
- _ 4 1/2 times chlorine resistant
- _ Premium quality Carvico product
- _ Branded Xtra Life Lycra®