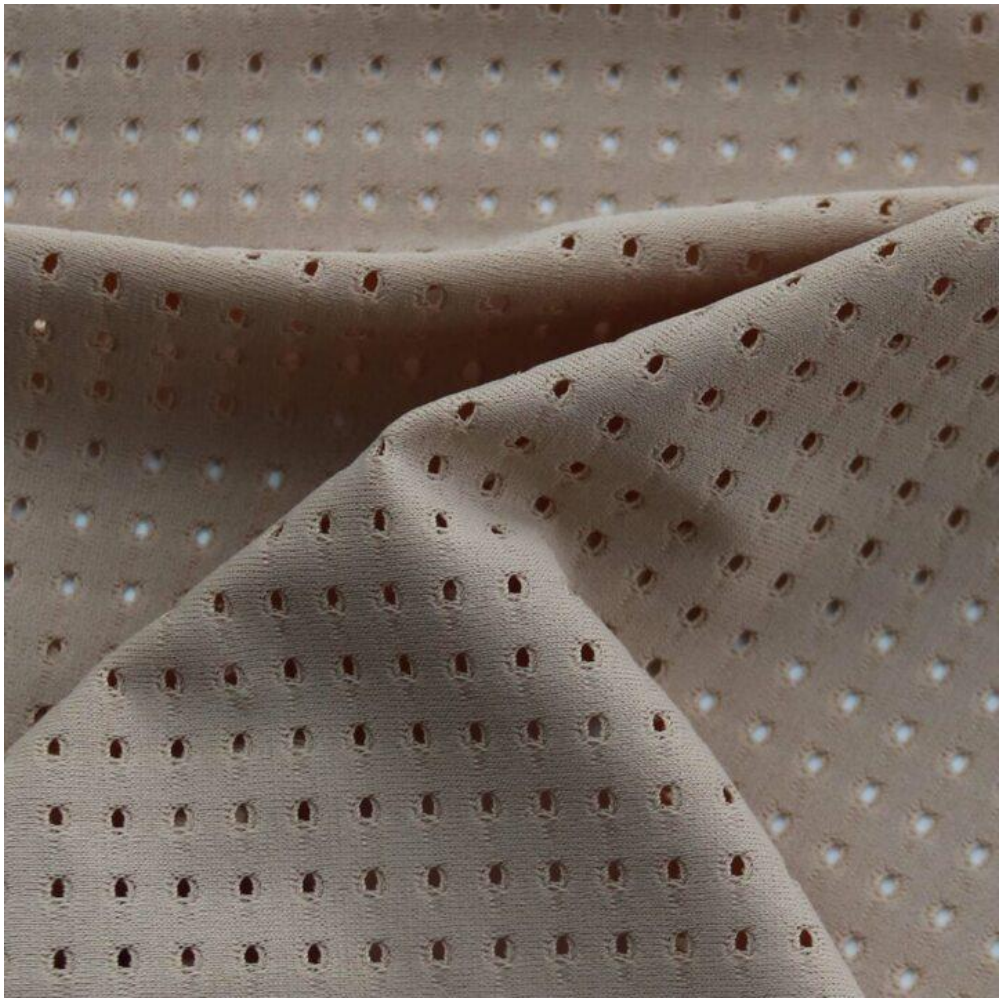
Speed Meets Versatility: KARL MAYER Sets a New Benchmark in Warp Knitting

In the world of textile manufacturing, every breakthrough begins with a bold idea. KARL MAYER has once again raised the bar with the launch of its **HKS 4-S EL**, a next-generation warp knitting machine designed to redefine productivity and flexibility. More than just another machine, it represents the industry's pursuit of faster, smarter and more versatile manufacturing.



With an impressive operating speed of **2,500 rpm**, the HKS 4-S EL is currently the world's fastest four-bar short-stroke tricot machine, delivering exceptional production efficiency without compromising fabric quality. Its maximum working width of **280 inches**, extendable by an additional 10 inches, enables manufacturers to achieve significantly higher output while responding quickly to changing market demands.

The machine's intelligent engineering extends beyond speed. Features such as a height-adjustable fabric take-up and EL pattern drive allow rapid pattern changes and the production of both compact, high-density warp knits and mesh-like Powernet fabrics. Designed for sportswear, apparel and home textiles, the HKS 4-S EL offers manufacturers the freedom to innovate while maintaining operational excellence.





With this latest innovation, KARL MAYER once again demonstrates that the future of warp knitting belongs to technology that combines unmatched performance, flexibility and precision—empowering textile manufacturers to stay ahead in an increasingly competitive global market.