



ESCHLER (SWITZERLAND) WITH “RED-HOT” FABRIC DEVELOPMENTS AT A+A

Based in Bühler, the Swiss knitwear specialist Christian Eschler AG has been developing its key competence in optimal functional fabrics for the sportswear sector for decades. So what could be more natural than the company's decision to use its extensive knowledge for the production of advanced workwear fabrics? Several special developments have been completed just in time for A+A in Düsseldorf, which will offer new opportunities to manufacturers of workwear.

New: flame-resistant, functional fleece fabrics that are extremely comfortable to wear

In close cooperation with the fibre manufacturer Lenzing AG/Austria, new functional, flameproof fabrics have been developed for underwear and fleece clothing. They are ideal for the production of flame-resistant workwear for industrial use. A very special production process ensures optimal characteristics in terms of protection, comfort and durability – even the visual aspects have been taken into consideration. “The use of Lenzing FR® optimises the human body's cooling process and maximises the physiological performance of the wearer”, emphasises Michael Wiedemann, who is responsible for workwear fabrics. The recent study by the Medical University of Graz confirmed that protective clothing in which Lenzing FR® is used is most effective at cooling the skin, since the core body temperatures of those tested whilst wearing it increased the least. Use of the fibre also resulted in key physiological figures – for example lactate levels – being lowest. In addition, the risk of heat stress and heat accumulation is minimised, as the temperature of the body is optimally regulated thanks to the special construction of the fleece fabric.

Flameproof sweat management

Ten years ago, in cooperation with the Swiss Federal Material Testing and Research Institute (EMPA) and the Swiss army, Eschler made headlines thanks to the development of the so-called “sweat management” layering system. Due to the optimal combination of layers in a clothing system, body heat and excess sweat in the form of vapour are transferred away from the skin through the individual layers. When the person is active, some sweat remains on or near the skin and thus aids cooling. This prevents the body from overheating and thus an unnecessary reduction in performance. Eschler is the first producer of knitted fabrics to succeed in offering these characteristics in a flame-resistant variant.

A+A Düsseldorf 09
3 – 6 November
Eschler stand: hall 03/H78

Company contact
Christian Eschler AG
Michael Wiedemann
+41 – 71 – 791 81 81
michael.wiedemann@eschler.com



swiss **TEXTILES**



ESCHLER – Touch Swiss Comfort: Eschler has been producing highly developed functional textiles for sport, workwear, lingerie and technical textiles since 1927. Eschler specialises in knitted goods and the company's products are amongst the best in the world in its segments. Eschler was one of the first textile companies in the world to undergo the strict bluesign® certification process (www.bluesign.com) and can thus guarantee environmentally friendly production. bluesign® stands for ecologically compatible textiles, environmentally friendly production and the careful handling of resources. Eschler produces its products at its Bühler and Münchwilen locations in Switzerland, in Balingen (Germany) and in the joint venture Eschler Thai Knit Co. Ltd in Thailand.