

TEXTILE LASER PROTECTION



Topaz
by trans-textil



www.trans-textil.de

COOPERATION FOR TEXTILE LASER PROTECTION

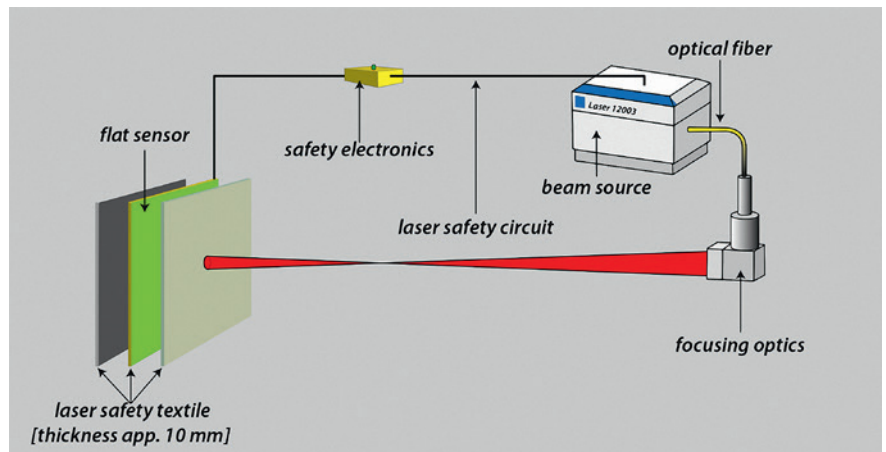
The use of powerful laser systems is gaining in importance in many areas - and with it the need for intelligent solutions for the protection of people and technology. With their increased cooperation, JUTEC® GmbH and Trans-Textil GmbH are pursuing the goal of further expanding their joint development of multifunctional smart textiles for laser protection „Made in Germany“.



**Textile Technology
Made in Germany**

ACTIVE SENSOR TECHNOLOGY

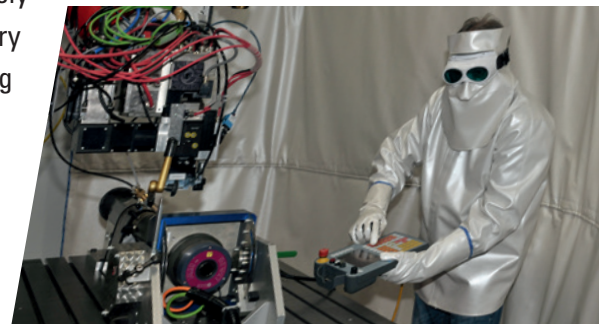
One focus of the partners is the active sensor technology: If a misdirected laser beam hits the textile multi-layer compound integrated detection layer, the radiation source is switched off automatically. The outer layer is a specially developed protective coating in pearly-colored optics, which diffuses incident rays by diffuse reflection and thus also forms the basis for passive systems.



INDIVIDUAL PROTECTION OF PEOPLE AND TECHNICAL EQUIPMENT

Made to order in Germany, the products of JUTEC® and Trans-Textil have been so reliable that employees and valuable production facilities work on automated laser workstations and manual laser workstations. Thanks to their high level of flexibility, the solutions are suitable for retrofitting previously passive protective cabins, as a freestanding mobile cabin for temporary workstations, individual curtains, mobile swivel arm systems or for lining machine components in which laser beams are generated.

*free of perfluorinated and polyfluorinated compounds



Images: © Jutec Hitzeschutz und Isoliertechnik GmbH



JUTEC Hitzeschutz und Isoliertechnik GmbH
Am Autobahnkreuz 6-8
26180 Rastede

phone +49 4402 8632 -0
e-mail info@JUTEC.COM
www.jutec.com

Trans-Textil GmbH

Pommernstrasse 11-13
83395 Freilassing
Germany

phone +49 (0) 8654 / 66 07 -0
fax +49 (0) 8654 / 66 07 -10
e-mail: info@trans-textil.de