



Next Material

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DIGITAL textile WORLDS

DIGITAL textile WORLDS deals with the development of textile concepts for tomorrow's office. Starting point of this research work was the change in the office world and the required implementation of new working scenarios focusing on textile materials.

Digitilisation and global networkung through internet are the central aspects of the changing behaviour of workers today. This leads to new working processes, characterized by knowledge work and communication and creates the need for innovative office spaces, that are just as flexible as the work itself. Novel textile concepts offer the potential to create these spaces. Intelligent textiles are capable of having additional functions up to the integration of electronic components.

The concepts is created following to terms 'analogue' and 'digital' in design, which are characterized in a special way by Otl Aicher.

Based on this definition, ideas for innovative textile designs are explored in different studies: the design 'Flexible' focuses on textiles with a special function - a textile material was equipped with magnetism in a number of ways. The design 'Innovative' focuses on a nonwoven material, that can be shaped in three-dimensional forms and has potential to contain intelligent technologies. This innovative design concept allows shaping tomorrow's working space in an appealing as well as functional manner and took the textile material lab in a special way into consideration - also in a three-dimensional one: analogue + digital.

