

"ROLLING BUTTONS": INTELLIGENT PRODUCT DESIGN FOR PEOPLE WITH RESTRICTED MOBILITY



Innovative wheelchair blanket combines sophisticated functions with sustainable textile solutions from the regional supply chain

A weatherproof wheelchair cover which is also easy to handle – that was Dorothea Schwarz's idea, founder of the company FarbenFreude. "Rolling Buttons", the name of these functional products, which are also suitable for handbikes and e-scooters, are now being made in Suderburg/ Lüneburg Heath in high-quality manual work. Waterproof and breathable membrane laminates from Trans-Textil are used.

The well thought-out design focuses on the everyday life of people with restricted mobility. The blankets should keep you warm and dry and, above all, should be light and easy to handle. For this purpose, Dorothea Schwarz has developed a sophisticated wrapping technique and locking system that can also be operated with one hand. Flexibility is the order of the day with the individually tailored blankets: there are versions that are firmly attached to the wheelchair and those that can be attached while sitting without slipping. A light version for the



summer is in the portfolio as well as a cozy winter version. Reflective strips ensure safety in the dark.

Sustainability in a regional supply chain was important to Dorothea Schwarz even during the development phase. All components are produced in Europe. Ms. Schwarz paid particular attention to the most robust materials possible, which offer a high level of water and wind resistance, but are also breathable.

In her search for suitable materials, she found what she was looking for at Trans-Textil and opted for functional 2- and 3-layer membrane laminates that are certified according to the latest criteria of the STANDARD 100 by OEKO-TEX®.



Dorothea Schwarz, founder of "FarbenFreude" and developer of the "Rolling Buttons"



The focus is on sustainable materials and an intelligent design that is based on the everyday life of people with restricted mobility.

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