



Number of contact points between textile and skin (skin sensorial property)

Objective:

The number of contact points between textile and skin shows if a textile feels clammy/sticky on the skin. This test is part of the skin sensorial measurements, but can also be used for a fast judgment of a textile's properties.

This test is particularly suited for:

All textiles in direct contact with the skin, e.g.

- Functional underwear
- Underwear, T-shirts and textiles worn close to the body

Description:

The number of contact points between textile and skin is determined optically with a topograph, which gives a 3-dimensional picture of the textile surface. Via an image-analyzing system from this picture quantities are taken which are specific to the textile surface, as e.g. number of high and low points, incline grade of the high points etc. From these quantities the number of contact points is determined.

Your advantage as customer:

- Product optimization during development
- Absolute and comparative judgment of the number of contact points between textile and skin

Requirements for test samples:

General

- Measurements are carried out after at least one laundering/cleaning cycle.

Amount of material:

- About 0,2 m² material area

Duration of testing:

- Dependent on the amount and nature of the material (5 working days as a rule after the receipt of test sample)

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