

Digital Material Parameters

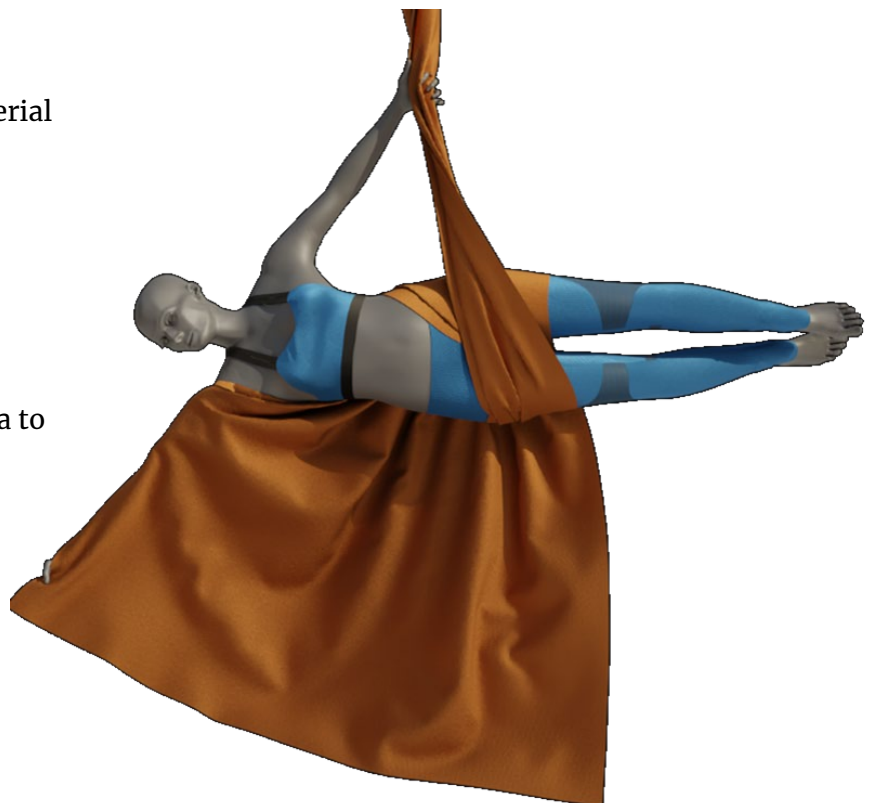
**Material testing to determine parameters
for 3D simulation and design**

Consistent and accurate digitization of material
behavior is essential for realistic 3D simulation and
development of reliable fit



Your Benefits

- Standardized testing of material parameters under constant conditions
- Reproducible test results
- Material characteristics customized for varying requirements of different simulation systems
- Continuous validation and adaptation of the test criteria to changes in the market and updates in 3D systems

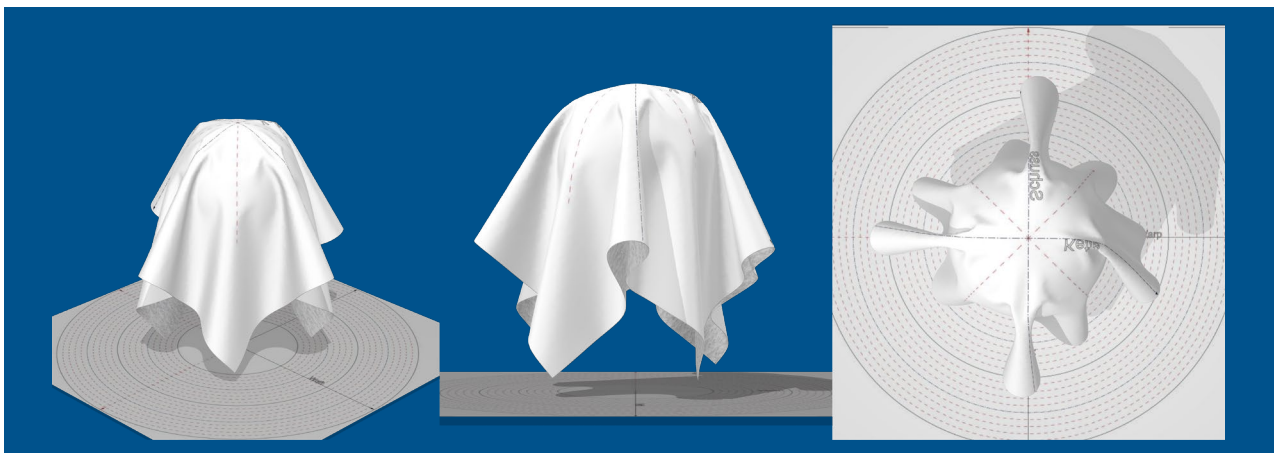


Description

- Testing and recording the material characteristics
- Consistent characterization of parameters
 - Mass per unit area
 - Fabric thickness
 - Bending stiffness
 - Fold-volume/shape
 - Stretch test (warp/weft/bias)
and more as needed
- Optional texture characterization
- Results adapted for different 3D systems, including: Vidya Assyst, Browzwear V-Stitcher, CLO 3D

Test Sample Requirements

- Minimum quantity of fabric 1 m²



Testing Standard

Testing is based on the requirements defined in the DTB Dialog Textile Clothing standard from the “Digitalization of Material Parameters” working group.