

# Compression Testing

## Compression textiles

### Purpose

Measurement of compression and pressure profile according to a customized test procedure



### The test is suitable for

All kinds of compression textiles

### Description

The compression and pressure profile are measured using the HOSYcan test device. In order to ascertain compression of an item, it is clamped into the HOSYcan and stretched to its given dimensions for girth. The following parameters can be modified according to the customer's needs:

- Number of test cycles
- Speed
- Time per cycle
- Test sizes (circumferences between 12 and 150 cm)
- Reversal points
- Measurement at the requested circumference with or without waiting period

## The benefit to you the customer

- Testing according to an individual procedure
- Simulation of dynamic processes, e.g. variation in circumference due to muscle contraction

## Requirements for test samples

### **General:**

- A size table with body measurements (length and circumference) is required

### **Amount of material:**

- In general 2 samples per article and size

### **Duration of testing:**

- Depending on the type and scope of testing, about 2 to 4 weeks