

Compression Testing

Medical Compression Textiles

Testing of medical compression textiles according to RAL-GZ 387



The test is suitable for

- Medical compression hosiery
- Medical compression armsleeves
- Ulcus cruris stocking systems
- Medical supports
- Anti-embolism stockings
- Textiles for the compression therapy of scars
- Further medical compression textiles

Description

We test the compression according to RAL-GZ-387/1, /2 and /3 using the HOSYcan compression testing device.

The sample is clamped in the testing device in the required length and is then stretched to the body circumference. Based on the detected force values the pressure at reference points (compression class) and the compressive behaviour along the entire length of the sample are calculated.

In addition, other product characteristics, such as yarn count and elastic extensibility can be tested as well according to RAL-GZ 387.

The benefits for you as the customer

- Evidence of compliance with the respective requirements and basis for applying for a registration number for a medical device.
- Product optimization during development
- Quality control
- Consumer safety

We need

- Two samples per article and size
- A size table with body measurements at the relevant measuring points (length and circumference)

Labels and certificates

For relevant products, the producer can apply for the quality mark with the Quality Mark Association for medical compression hosiery.

The reports can be used for the application for a number for a medical device.