

Compression Testing

Medical Compression Textiles

Testing the conformity of medical compression textiles according RAL-GZ 387



The test is suitable for

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

Description

The compression as a key product characteristic is tested using the HOSY testing device according to RAL-GZ-387/1 and /2 resp. the appendix for stocking systems for Ulcus cruris patients.

In order to examine the compression of an article, it is clamped into the HOSY device and stretched to its given dimensions for girth. Compression and compressive behaviour are calculated along the entire length of the test sample based on the force values measured when it is stretched to body circumference.

In addition, other product characteristics, such as e.g. the yarn count and elastic extensibility can be tested as well.

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
- Consumer safety

We need

- In general 2 samples per article and size
- A size table with body measurements (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.