



Test of OP-Textiles according to EN 13795

Objective:

Fulfilment of microbiological and mechanical requirements of surgical drapes, gowns and clean air suits, used as medical devices, for patients, clinical staff and equipment according to the European standard 13795.

This test is particularly suitable for:

- Surgical drapes, gowns and clean air suits, used as medical devices (one-way and multiway products)

Description:

Regarding the quality of OP-Textiles there are defined requirements of hygiene and mechanic. For the microbiology there are test methods to determine the resistance to wet and dry bacterial penetration (ISO 22610 and ISO 22612) as well as microbiological cleanliness (EN 11737-2) for reprocessing.

Mechanically the cleanliness particle matter and linting (EN 13795-2), the resistance to penetration of water (EN 20811), the determination of burst pressure and burst vaulting (ISO 13938-1) as well as the determination of maximum tractive power and maximum tensile strength (EN 29073-3) should be tested according to the standard. The mentioned test methods are accredited by the DAkkS.

Customer benefit:

- Optimizing of the product during the development
- Consumer safety

Labels and Certificates:

On passing the test, the product may be awarded to the certificate "Barrier Textiles".

Test sample requirements:

General:

- Depending on the requirements of the client only microbiological and/or mechanical tests can be done of the new condition or after defined amount of washing cycles.

Quantity of material:

- At least 4 m² relevant parts of the sample (for all tests)

Duration of the test:

- Between two and three weeks; the date will be confirmed once the test sample has been received

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