FACTSHEET

HOHENSTEIN

Protective clothing against infectious agents –

Requirements acc. to DIN EN 14126

Objective

Fulfilment of the performance requirements for reusable and use-limited protective clothing against infectious agents for use as personal protective equipment (PPE) according to the specifications of the European standard EN 14126.

The tests are suitable for

- Requirements test for protection against infectious agents for protective clothing against chemicals according to:
  - Type 6 DIN EN 13034
  - Type 5 DIN EN 13982-1
  - Type 4 DIN EN 14605
  - Type 3 DIN EN 14605
- Testing of the barrier properties of textile materials against infectious agents

Your benefit as a customer

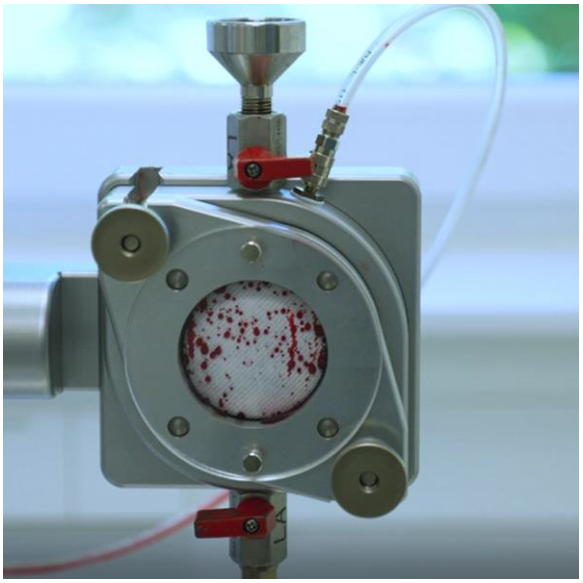
- Testing and certification of your protective clothing against infectious agents and chemicals.
- Ensuring that the requirements of Regulation (EU) 2016/425 are met
- Consumer safety
- Proof of function

Description

Workers are exposed to unknown infectious agents (microorganisms, parasites) in many types of work, e.g. in sewage plants, waste disposal, animal care, emergency clean-up, disposal of high-risk waste from hospitals, etc. Protective clothing against infectious agents is designed to protect the wearer from the media in which the microorganisms are contained, such as liquids, aerosols or solid dust particles.

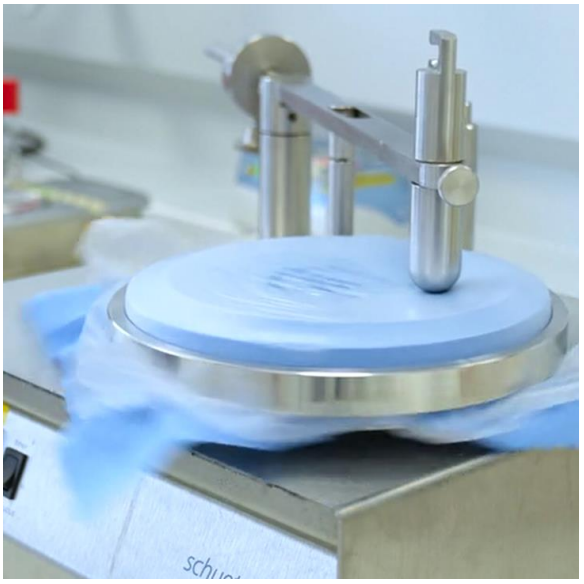
Performance tests against penetration (protection against infectious agents)

- Resistance to penetration by blood and contaminated liquids under hydrostatic pressure (ISO 16603, ISO 16604).
- Resistance to penetration of the material due to contact with contaminated wet surfaces (EN ISO 22610)
- Resistance to penetration by contaminated liquid aerosols (ISO/DIS 22611)
- Resistance to penetration by contaminated solid particles (EN ISO 22612)



Further tests

- Performance classification of materials according to EN 14325, section 4
- Performance requirements for seams, joints and assemblages according to EN 14325, section 5
- Type-specific tests for type 3, 4, 5 and 6 (spray and jet test, inward leakage)
- General requirements according to EN ISO 13688 (incl. checking of the marking and the information supplied by the manufacturer)
- Optional: evaluation of biocompatibility (e.g. cytotoxicity DIN EN ISO 10993-5)



Test sample requirements

General

Depending on the customer's requirements, the test samples are examined in new condition or after a defined number of reprocessing cycles.

Quantity of material

Approx. 5-10 ready-made pieces, but at least 4 m² material construction (if all tests are ordered)

Duration of test

- In total approx. 4-6 weeks: Date confirmed after receipt of test sample
- With certification, different lead times apply