

Test Center accredited by the Central Office for
Safety Technology
Accredited for personal protective devices
according to the accreditation agreement

German Accreditation Council
DAR
ZLS-P-203/98

Test Report

Translation

Test Report No.: 02 1 0010-2

Requested by: Spirale spa
Via Nuova 11
I-38050 Cinte Tesino

Test items received: January 10, 2002

Client's reference number:

Product designation: boots for work with handheld spray devices (800 bar)
(type of test object)

Type: 1327
(item no., trade name, or similar)

Scope of testing: Tests according to the rules of the Employer's Liability Insurance Association for Safety and Health at Work --- Use of Foot and Leg Protection, Sec.: 3.1.5.5.3 boots for working with hand-held spray devices (liquid dispensing jets), (Employer's Liability Insurance Association Specifications and Rules (BGVR directory: BGR 191), for obtaining an EU type testing certificate

Further details / comments:

This Test Report consists of 3 pages and may not be reproduced, even in except form, without the written permission of the Test Center. Partial tests were performed at ./.

The test results apply only to the test object mentioned above.

Documentation of the test item



The tested boot is a boot of protection level S5 according to DIN EN 345.
According to the information provided by the manufacturer, no constructive measure has been build in to protect against the penetration of the jet during operations with liquid jet emitters.



Test conditions:

Repulsive force of the lance: 117 N
Nozzle size: 1 mm, round jet nozzle
Distance of the nozzle from the shoe: 75 mm
Feed rate: 0.2 m/s
Flow rate: 17.7 l/min

Front of foot run over behind the protective cap in the area of the instep.

The above conditions correspond to a pressure of 800 bar at the outlet of the nozzle.



Adjustment of the distance of the nozzle from the boot



Front part of the boot after stress

Test result:

The high-pressure water jet has not penetrated the boot at any point.
Protection of the foot is therefore guaranteed under the aforementioned conditions.

The test was conducted on 16.04.02 in Oelde at Fa. Hammelmann with inspection of a test engineer of the "Fachausschuß Persönliche Schutzausrüstungen"

Erkrath

May 2, 2002

Place

Date

Dipl.-Ing. (FH) Brockschmidt