

TÜV Rheinland Product Safety GmbH

Product Safety Testing Body Halle

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Weldas Europa b.v.
De Poort 1

**NL - 4411 PB Rilland
Holland**

Ihre Nachricht vom

Bearbeiter

Unsere Zeichen

Telefon

Halle,

0345/5215-296
99-05-06

Test report

Our-Ref.-No : 744-900315/24
Report No : M 9910403 E 01
Test item / Product description : Protective gloves against cold
Part-No. 10-2299
Applicant : WELDAS Company
128 Seabord Lane
Franklin TN 37067
USA
Date of Delivery : 13 August 1998
Test Order : EC Type Examination according to EN 511
Sampling Procedure : by applicant

Test result:

The tested protective gloves against cold **comply** with the requirements of EN 511 at performance levels 2 2.

First number identifies the performance level for convective cold.
Second number identifies the performance level for contact cold.

Details of test results are described at following pages.



Röske

Head of Test Laboratory



p.p. Lahgrock
Test engineer

The test report contains 3 pages.

The test results exclusively refer to the samples examined.

This test document cannot be reproduced in any way, except in full context, without the prior approval in writing of the laboratory.

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Combination of materials:

glove palm, fore finger, thumb: pig grain leather, colour brown, split side as outer side
 finger tips, knuckle/pulse protection
 glove back: woven fabric, striped
 lining: flame retardant Air Cushion with
 flame retardant Sweat Absorbent Fleecy Cotton
 knitted wrist

Test Results**1 General requirements according to EN 511 clause 3****1.1 Determination of pH value**

tested according to DIN EN 420 clause 4.4.2

pig grain leather, beige	4,40
woven fabric	7,01
knitted wrist	6,84
lining Air Cushion with Sweat Absorbent Fleecy Cotton	6,37

Requirements according to DIN EN 420 clause 4.4.2:

The pH value for leather gloves shall be greater than 3,5 and less than 9,5.

The pH value for all gloves shall be as close as possible to neutrality.

The tested samples met the requirements.

1.2 Sizes and measurements of gloves

tested according to DIN EN 420 clause 6.2

size L length: 292 mm circumference: 263 mm

Requirements according to DIN EN 420 table 2:

glove size	6	7	8	9	10	11
Minimum length of glove [mm]	220	230	240	250	260	270

The tested gloves met the requirements at size 11.

2 Special requirements according to EN 511 clause 4**2.1 Abrasion resistance**

tested according to DIN EN 388 clause 6.1

pig grain leather	breakthrough at 6575 cycles
lining	breakthrough at 100 cycles
Performance level 3	(according to DIN EN 388 table 1)

Requirements according to EN 511 clause 4:

at least performance level 1 (100 cycles)

The tested leather samples met the requirements.

