

**TÜV Rheinland Product Safety GmbH**

Product Safety Testing Body Halle

TÜV Rheinland Product Safety GmbH  
Köthener Straße 33· D-06118 Halle

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 : 744-900315/23  
Report No : M 9910393 E 01  
Test item / Product description : Protective gloves against cold  
Part-No. 10-2266  
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.

TÜV Rheinland  
Product Safety GmbH

Member of Group  
TÜV Rheinland /  
Berlin-Brandenburg

Am Grauen Stein  
D-51105 Köln  
Phone ++49-180-3-112-112  
Fax ++49-180-3-000-169  
e-mail: [safety@tuv.com](mailto:safety@tuv.com)  
<http://www.tuv.com/safety>

Managing Director:  
Dipl.-Ing. Michael Jungnitsch

Amtsgericht Köln  
HRB 25960

Combination of materials:

glove palm, back, finger: pig grain leather, colour brown, split side as outer side  
 lining: flame retardant Air Cushion with  
 flame retardant Sweat Absorbent Fleecy Cotton

without cuff  
 Kevlar-thread

**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, brown 4,40  
 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 XL length: 260 mm circumference: 285 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 10.***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.*

