



TESTING • CERTIFICATION • AUDITING

# Confidential Report

Our Ref: E-009035/1



1066

Notified Body  
for PPE Directive,  
Construction Products Regulation  
& Marine Equipment Directive  
I.D no. 0338



Unit 6, Wheel Forge Way, Trafford Park,  
Manchester, M17 1EH, UK.  
Telephone: +44 (0) 161 876 4211  
Email: info@bttg.co.uk  
Website: www.bttg.co.uk

Date: 31 May 2019

Our Ref: E-009035/1

Page: 1 of 5

Client: Oven Paws Ltd.  
Job Title: Testing of double oven glove  
Client's Order No: --  
Date of Receipt: 3 April 2019 and 20 May 2019  
Date of Test Start: 16 April 2019  
Description of Sample(s): Double oven glove, referenced:  
Oven Paws double oven glove



Work Requested: We were asked to make the following test:  
BS 6526: 1998  
(a) Clause 4.2.1 Safe ironing temperature  
(b) Clause 4.2.2 Multi-layer construction  
(c) Clause 4.2.3 Thickness of material covering the back of the hand  
(d) Clause 4.3 Thermal insulation (e) Clause 4.4 Dimensions



1066

Shirley® Technologies Limited. Registered Office: Wira House, West Park Ring Road, Leeds, LS16 6QL.  
A company registered in England & Wales with company number 04669651. VAT Number GB 816764800.  
BTTG™ and Shirley® are trade names of Shirley Technologies Limited.  
The supply of all goods and services is subject to our standard terms of business, copies of which are available on request.  
Our laboratories are accredited to EN ISO/IEC 17025.

Copyright © 2019 Shirley Technologies Limited. All rights reserved.

Date: 31 May 2019

Our Ref: E-009035/1

Page: 2 of 5

**Oven Paws**

**Sample:** Oven Paws double oven glove

**Test Method:** BS 6526: 1998  
(a) Clause 4.2.1 Safe ironing temperature  
(b) Clause 4.2.2 Multi-layer construction  
(c) Clause 4.2.3 Thickness of material covering the back of the hand

**Cleansing Pretreatment:** One cycle of washing according to EN ISO 6330: 2012 Procedure 4H (40°C) followed by tumble drying (Procedure F) (max. 60°C outlet temperature).

**Summary of Results:**

Clause 4.2.1 Safe ironing temperature

Test Method: BS 7305: 1990 (2016) at an application temperature of 220°C for a duration of 30 seconds.

Safe ironing temperature	Test Result†	BS 6526 Requirement	Pass/Fail
Mitt body	Safe Ironing Temperature = 220°C No sticking of surface to block No discolouration	Safe Ironing Temperature ≥ 220°C No sticking of surface to block Any discolouration shall be reported	Pass
Embroidered Animal face	Safe Ironing Temperature = 220°C No sticking of surface to block No discolouration	Safe Ironing Temperature ≥ 220°C No sticking of surface to block Any discolouration shall be reported	Pass

† Three measurements were made, the results were identical for all three tests.

Clause 4.2.2 Multi-layer construction

When examined, the layers of multi-layer construction of the gloves did not separate or deform. The gloves did not come apart and the insulation remained uniform within the pockets.

Clause 4.2.3 Thickness of material covering the back of the hand (without embroidered animal face)

Test Method: BS EN ISO 5084: 1997 using a pressure of 1.0 ± 0.01kPa combined with a 2,000mm<sup>2</sup> foot.

	Mean result†	BS 6526 Requirement	Pass/Fail
Thickness of material	3.9mm	≥1.5mm	Pass

† Mean of five measurements (all individual values in excess of requirements).



Unit 6, Wheel Forge Way, Trafford Park,  
 Manchester, M17 1EH, UK.  
 Telephone: +44 (0) 161 876 4211  
 Email: info@bttg.co.uk  
 Website: www.bttg.co.uk

Date: 31 May 2019

Our Ref: E-009035/1

Page: 3 of 5

**Oven Paws**

**Sample:** Oven Paws double oven glove

**Test Method:** BS 6526: 1998 Clause 4.3 Thermal insulation

**Cleansing Pretreatment:** One cycle of washing according to EN ISO 6330: 2012 Procedure 4H (40°C) followed by tumble drying (Procedure F) (max. 60°C outlet temperature).

**Summary of Results:**

Three specimens were cut from three of the samples submitted.

Specimin	Measured Temperature Rise	Adjusted Temperature Rise (-4°C)	BS 6526 Requirement	Pass/Fail
1	17.9°C	13.9°C	≤ 30°C	Pass
2	20.9°C	16.9°C	≤ 30°C	Pass
3	15.1°C	11.1°C	≤ 30°C	Pass

**Assessment:**

The sample submitted complies with the thermal insulation requirements of BS 6526: 1998.





Unit 6, Wheel Forge Way, Trafford Park,  
Manchester, M17 1EH, UK.  
Telephone: +44 (0) 161 876 4211  
Email: info@bttg.co.uk  
Website: www.bttg.co.uk

Date: 31 May 2019

Our Ref: E-009035/1

Page: 4 of 5

## Oven Paws

**Sample:** Oven Paws double oven glove

**Test Method:** BS 6526: 1998 Clause 4.4 Dimensions

**Cleansing Pretreatment:** One cycle of washing according to EN ISO 6330: 2012 Procedure 4H (40°C) followed by tumble drying (Procedure F) (max. 60°C outlet temperature).

## Summary of Results:

Measurement	Mean Result	Requirement	Pass/Fail
Inside length of thermal insulation of the pocket	203mm*	≥ 190mm	Pass
Inside width of the pocket measured at the cuff edge	157mm*	≥ 140mm	Pass
Length of joining material	414mm*	≥ 400mm	Pass

\* Mean of measurements on three samples submitted (all individual values equal to or in excess of requirements).

## Assessment:

The sample submitted **complies** with dimensions requirements of BS 6526: 1998.

Uncertainty of measurement has not been taken into account when presenting the test results. The relevant uncertainty values are included as an appendix which forms an integral part of the report.

**The signature section has been removed for GDPR.**





Unit 6, Wheel Forge Way, Trafford Park,  
Manchester, M17 1EH, UK.  
Telephone: +44 (0) 161 876 4211  
Email: info@bttg.co.uk  
Website: www.bttg.co.uk

Date: 31 May 2019

Our Ref: E-009035/1

Page: 5 of 5

## Oven Paws

### Annex A.

#### BS 6526: 1998: Uncertainty of Measurement:

BS 6526 Clauses	Test Method	95% Confidence limit
4.1 Pre-treatment	Washing: EN ISO 6330: 2012	Chaotic Processes Not applicable
4.2.1 Safe ironing temperature	BS 7305: 1990	Not applicable
4.2.2 Multilayer construction	Visual assessment	Not applicable
4.2.3 Thickness of material	BS EN ISO 5084: 1997	$\pm 0.24\text{mm}$
4.3 Thermal insulation	BS 6526: 1998 Annex A	$\pm 5.9\%$
4.4 Dimensions	Ruler	$\pm 1\text{mm}$

\* These uncertainty value are based on a standard uncertainty multiplied by a coverage factor  $k=2$ , which provides for a confidence level of approximately 95%.

