



# Confidential Report

Our Ref: E-032324/B





TESTING • CERTIFICATION • AUDITING

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Date: 16 April 2024

Our Ref: E-032324/B  
Your Ref:

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## Oxford Safety Supplies

Client: Oxford Safety Supplies  
Olympic House  
Collet  
Southmead Park  
Didcot  
Oxon  
OX11 7WB

Job Title: Testing of hardware

Client's Order No: -

Date of Receipt: 19<sup>th</sup> February 2024  
Date of Test Start: 18<sup>th</sup> March 2024

Description of Sample(s): Hardware, identified as follows, was received for testing:

Zip on Jacket  
Supplier: YKK  
Supplier Code: 4781280

Work Requested: We were asked to make tests according to the following standard:

EN ISO 11612: 2015  
Clause 6.2.1 Heat resistance (hardware)  
After 5 wash/dry cycles according to EN ISO 6330 (40°C with line drying)



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**Oxford Safety Supplies**

Sample: Zip on Jacket  
 Supplier: YKK  
 Supplier Code: 4781280

Performance Standard: EN ISO 11612: 2015 Clause 6.2.1 Heat resistance (hardware)

Test Method: ISO 17493: 2016  
 Test temperature: 180 ± 5°C  
 Exposure time: 5 minutes

Cleansing Pre-treatment: Five wash/dry cycles according to EN ISO 6330: 2021 Procedure 4N (40°C) with line drying (Procedure A).

Summary of Results:

Property	EN ISO 11612 Requirements
6.2.1 Heat resistance (at 180°C)	Shall not ignite or melt Closure system to open at least once

\*Due to insufficient sample, only one indicative specimen was tested

Item	Ignition Yes/No	Melting Yes/No	Closure system opens?	Pass/Fail
Zip YKK 4781280 on Jacket	No	No	Yes	Pass

Where required to make a judgement to any pass/fail criteria an estimation of uncertainty of measurement has been taken into account. Under our policy we have used a non-binary decision rule. See our decision rules policy (<http://www.bttg.co.uk/decision-rules-policy>) for further information.

Reported by:..... *Alex Newton* ..... A Newton, Senior Customer Services Officer

Countersigned by:..... *M T Healey* ..... M T Healey, Principal Technician

Enquiries concerning this report should be addressed to Customer Services.





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## Appendix A

### EN ISO 11612: 2015 Annex E: Uncertainty of Measurement:

EN ISO 11612 Clauses	Test Method	95% Confidence limit
5.2 Pre-treatment	Domestic washing: EN ISO 6330: 2021	Chaotic Processes Not applicable
6.2.1 Heat resistance	ISO 17493: 2016 (180°C)	Subjective assessment

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



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