

Durability testing and verification marks

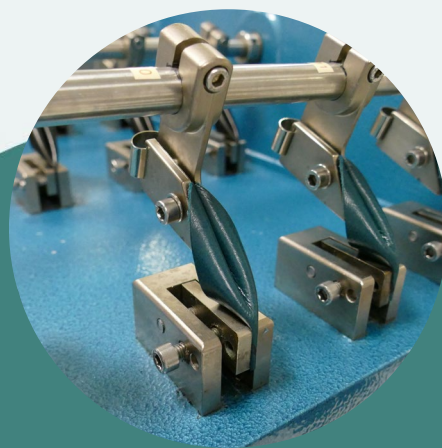
Products made to last



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Prolonging a product's life through quality, maintainability and reparability are now considerations of an eco-design. There is a focus on this strategy by Governments intent on minimising waste by reducing the need to dispose of products.



About durability testing

Digital Product Passport

Durability is part of the information that is recommended to form a component of the digital product passport proposed by the EU. The EU Digital Product Passport (DPP) initiative is one of the key pieces of the EU Green Deal and the Circular Economy Action Plan as the world aims to meet ambitious targets for carbon neutrality by 2050.

Textile durability standards

The European Union has published eco-design criteria for textiles setting standards for clothing, bath, bed and kitchen textiles, curtains, floor coverings, upholstery fabrics and mattress ticking. The EU has concluded that inferior quality will reduce the lifespan of these products and that consumers should be warned about product durability limitations.

Eurofins can help demonstrate the durability of products

The Eurofins technical team has created durability testing specifications for different products where extended life would deliver significant, positive impact reductions. Where products pass, the use of the applicable Eurofins Verification Mark demonstrates a quality product that has a strong sustainability story. The products that Eurofins offer this extended-life durable testing are listed below. If you have a product that is not listed, where you would like to have durability testing conducted, please contact us to discuss.



Durability testing specifications

Durable fashion

- Jeans
- Trousers
- T-Shirts
- Pullovers
- Tops
- Socks and hosiery
- Swimwear
- Nightwear

Durable workwear

- Shirts
- Trousers

Durable product

Durable Textiles

- Bed linen

Durable Cookware

- Non-stick pots and pans

Durable footwear

- Footwear
- Boots
- Open-toe footwear
- Closed-toe footwear (casual and fashion)
- Athletic footwear

Durability testing verification marks

To support the achievement of testing against these more durable longer lasting product specifications, Eurofins has developed two durable testing marks, these are "Durable SILVER" and "Durable GOLD".



Durable SILVER products are ones which typically achieve 1.5 x the accepted published industry standards during durability testing. Durable GOLD products are ones which typically achieve 2.0 x the accepted published industry standards during durability testing. In the case of workwear, the products need to typically achieve 2 x for Durable Product SILVER and 4 x for Durable Product GOLD against typical published clothing standards.

Additional durability testing services

In addition to our durability testing verification scheme, we offer a range of services to enable our customers to assess the durability of their products and understand the end-of-life characteristics of products

- Full suite of quality testing for textiles, leathers, plastics, metals, synthetics
 - Advanced durability testing on multiple materials and products
 - Highly accelerated lifetime testing
 - Temperature and humidity testing
 - Temperature and shock testing
 - Solar and UV exposure testing
 - Salt spray exposure
 - Mechanical impacts and ingress protection
- Recyclability assessment
- Biodegradability, compostability and disintegration testing
- Validation of recycled content





Benefits of Eurofins durability testing & verification marks

- Differentiate products in the market via credible, independent 3rd party assessment
- Demonstrate elevated performance above normal industry standards
- Helps support sustainability claims
- Raise customer satisfaction in product performance and longevity
- Supports your compliance journey for existing and forthcoming sustainability-related legislation and principles such as EU Green Claims Directive, AGEC Law, EU Ecodesign for Sustainable Products Regulation (ESPR) and Extended Producer Responsibility (EPR) laws for textiles



Why Eurofins Sustainability Services?

Eurofins Sustainability Services brings together a wide range of Eurofins' sustainability offerings in one place, connecting customers with the Eurofins company to provide solutions to their sustainability needs.

Eurofins is a global leader in analysis and testing for life with a large and growing network of state-of-the-art laboratories which provide unsurpassed levels of expertise, technological leadership, attention to quality and customer service across a range of industry sectors. Our sustainable chemistry services are delivered through a global network of laboratories supplying innovative testing solutions for all consumer product categories.



Want to know more? Contact us today at sustainabilityservices@cpt.eurofinseu.com
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