

CANDLE TESTING SERVICES

Comprehensive product safety and performance testing from our experts

Intertek performs safety tests for candles, room scenters, gel candles, night lights, tea lights and candle holders / accessories, including lanterns, to help candle manufacturers minimize risks such as household fires, property damage, burn injuries and adverse effects from toxic coating materials or soot.



Your challenge

Candle safety tests not only help manufacturers improve product performance and quality, but will certify that your candles meet regulatory standards around the world. Compliance with safety standards including: EN 15493, EN 15494, EN 15426, specific ASTM standards and the General Product Safety Regulations of 1994 gives consumers confidence that your products are safe to use in their homes.

Our solutions

For all candle products, Intertek provides the following services:

Performance tests

- Burning behavior
- Stability
- Soot / smoke
- Burn time
- Wick behaviour / club formation
- Flame heights
- Temperatures
- Safety of additional ingredients

Materials tests

Lead and heavy metal content is analyzed and tested in dyes, lacquers, surface coatings, embedded materials, wick and the candle wax itself to prevent harm to personal health and the environment.

Material and performance tests are also performed on candle holders, lanterns and containers to confirm they are stable and safe in product design.

Labelling assessments

Candle products should be labeled or packaged with caution statements, safety guidelines and product use information to prevent potential misuse and dangers. Intertek provides a customized analysis of proper wording, placement and illustrations to create labelling texts that are easily understood by diverse markets.

Toxicology assessments

Intertek can also assist in toxicology assessments of your candle products to ensure that the substances used in the manufacture of their candles such as additives, fragrance and colorants are safe and your products comply with legislation such as the European Union's REACH Regulation.

Additional services

Intertek goes beyond testing to help customers improve performance, gain efficiencies in manufacturing and logistics, overcome market constraints, and reduce risk, through these additional services and more:


Consulting

Meeting regulatory requirements alone does not ensure product safety. Several other elements—including design hazards, physical hazards, and foreseeable use—need to be evaluated to identify the overall risk associated with a product.

Intertek takes candles and candle accessories beyond regulatory compliance to reduce the risk when used by consumers. We apply our Total Quality Assurance expertise to candle safety tests, to help candle manufacturers minimize risks.

Contact our expert team to discover more about our dedicated services.

FOR MORE INFORMATION

 +44 116 263 0330

 consumergoods.uk@intertek.com

 [intertek.com/hardlines/
candle-testing/](https://www.intertek.com/hardlines/candle-testing/)