

# Eyewear Protection

## Sunglasses Testing

**Intertek**

Valued Quality. Delivered.



Today's consumers consider not only style and the latest trends when buying sunglasses, but increasingly look for function and protection as well. As the dangers of excessive exposure to sunlight and its adverse effects have been widely publicized in recent years, consumers require qualities such as UV protection in their fashion sunglasses. At the same time, many countries also enforce safety and performance requirements for non-prescription sunglasses and fashion eyewear.

At Intertek, we are dedicated to providing one-stop-shop eyewear testing solutions to support our clients in the global marketplace.

Our capability extends to several standards, such as EN 1836, ANSI Z80.3, AS/NZS 1067, QB 2457, and Japan Labeling law on sunglasses.

Intertek ensures that your brand's fashionable shades comply with the minimum requirements for safety, performance and quality, promoting healthy eyes and clear vision all year.

### Our services include:

- Sunglasses testing
- Ready-to-wear spectacles testing
- Ski goggles testing



### The Challenge

Whether it is a chilly winter morning or a blistering hot summer day, the sun's rays present a hazard year round. In an attempt to shield their eyes from the harsh sun rays and the glare that can be produced when the rays bounce off objects, consumers look for sunglasses that allow sufficient visible light to pass through while providing adequate protection from harmful UV exposure.

### The Solution

Intertek's sunglasses testing services help ensure compliance of your sunglasses to various country standards and are classified as a class 1 PPE item under PPE directive 89/686/EEC. With our extensive testing capabilities, Intertek can perform the following tests to ensure your sunglasses meet industry standards across the globe:

- Transmittance
- Optical Power
- Scattered Light
- Material & Surface Quality
- Minimum Robustness
- Enhanced Robustness
- Resistance to Ignition
- Resistance to Radiation
- Eye Coverage and Field of View
- Impact Resistance
- Refractive Properties
- Suitability for Cleaning
- Lens Color
- Ultraviolet Ray Transmission and more

In addition to providing testing services in accordance with national and international requirements, Intertek can assist clients in developing their own product safety and performance specifications for all their needs. Moreover, consultation services are available to assist our clients to upgrade their product quality to essentially strengthen their competitive edge in the global marketplace.

With over 1,000 offices and labs in over 100 countries, Intertek is well-equipped with the most advanced and sophisticated testing facilities. Through our professional specialists Intertek offers customers expertise in the evaluation of eyewear products in compliance with international standards, as well as some unique methodologies designed specifically to suit your needs.

### About Intertek

Intertek is a leading provider of quality and safety solutions serving a wide range of industries around the world.

From auditing and inspection, to testing, quality assurance and certification, Intertek people are dedicated to adding value customers' products and processes, supporting their success in the global marketplace.

For more information please visit [www.intertek.com/consumer](http://www.intertek.com/consumer), email us at [consumergoods@intertek.com](mailto:consumergoods@intertek.com) or contact us at:

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