

LUGGAGE TESTING SERVICES

From carry-ons to suitcases, and features like built-in phone chargers to wheels that spin in all directions, consumers are willing to invest in luggage that can withstand the wear and tear associated with repeated use during travel.



Overview

Luggage is designed to ensure safe transit of valuable personal items. As a result, consumers expect luggage to be durable, making it necessary to ensure your luggage products can withstand being dropped and dragged through testing for strength of fastening, buckles, handles and wheels / rollers. In addition, the strength of strap fastenings is an important consideration in the quality assessment of luggage.

Intertek Solution

Intertek offers comprehensive testing services to ensure the durability of your luggage and suitcases. Intertek conducts all strength tests utilizing state-of-the-art equipment to assess the risk of strap failures, both at fastenings (e.g., buckles) or where the strap is attached to the body of the item itself.

In addition, Intertek tests for colourfastness to various agencies, and our laboratories have extensive expertise to test for the intended performance of your luggage, ensuring its safety.

Physical Testing

Intertek conducts the following strength, performance and endurance tests to assess

the physical and durability properties of luggage:

- Handle Strength
- Drop Test
- Wheel Endurance Test
- Telescopic Handle Performance Test

Chemical Testing

In addition, with consumer, government and NGO pressure to reduce and/or restrict hazardous substances in consumer products, end user safety is at the very forefront of Intertek's mission.

Legal requirements in many countries, particularly in the European Union, mandate that products that have potential for direct and prolonged skin contact, such as luggage, are to be tested for high or unacceptable levels of suspected carcinogens or allergenic substances including the following:

- Formaldehyde
- Dimethyl Fumarate
- Extractable Heavy Metals
- PVC Plasticizers - Phthalates
- Organotin Compounds - TBT & DBT
- Azo / Carcinogenic / Allergenic Dyes
- Flame Retardants

Geographic Coverage

Intertek offers luggage testing at a number of lab locations throughout Asia Pacific and Europe.

FOR MORE INFORMATION

AMERICAS

+1 800 WORLDLAB

icenter@intertek.com

ASIA PACIFIC

+86 400 886 9926
+852 3008 2099

service.china@intertek.com

EMEA

+44 116 296 1620

ukenquiries@intertek.com

intertek.com