

# RSL SCAN CHEMICAL TESTING

**Growing demand by legislators, NGOs, and consumers for assurance of product safety presents a challenge as risk-based testing focuses on specific high-risk compounds. At the same time, apparel and footwear companies are facing increased cost pressures.**



## Overview

Product safety demands on global brands, retailers, and manufacturers continue to increase. Chemical regulations such as EU's REACH and the U.S. Consumer Product Safety Improvement Act (CPSIA) are constantly changing. There is also a need for action through new chemical substances that are the focus of investigative bodies, industry associations, consumer protection groups, and NGOs. In order to protect your brand and avoid financial losses, it is important to implement chemical safety requirements of products throughout the entire value chain.

As a result of this growing demand, Intertek has developed RSL Scan, an innovative testing method that detects and quantifies more than 250 organic compounds commonly used in the apparel and footwear industry, and can be used to test against AFIRM Group™ RSL guidelines. Our RSL Scan testing service uses state-of-the-art analysis techniques, combined with universal sample preparation, enabling a broad spectrum of organic substances to be tested both quickly and cost-efficiently.

In contrast to a conventional risk-based approach, the RSL Scan records the "fingerprint" of a test sample by documenting

substances that are typically not included in the framework of current test practices due to economic considerations. This helps with pre-selection of raw materials, improve quality of the supply chain, and is suitable for the control of certified materials.

## Features and Benefits

- Covers 20 groups of parameters
- Includes more than 250 substances and compounds
- Merges multiple procedures into one single method
- Fully quantitative for multiple organic contaminants
- Achieves required detection limits to cover clients RSLs and legal limits
- Developed and verified following AFIRM Group™ RSL
- Ability to upgrade and expand if necessary
- Updated as new RSL versions are published

## Areas of application

- Quick check for finished products
- Selection and verification of raw materials
- Chemical compliance of recycled raw materials/materials
- Covering requirements of consumer protection magazines
- Control of certified materials/products

- Security check changing suppliers
- Material and product development

**Note: Intertek RSL Scan does not substitute the legal or accredited standard methods applied for marketability attestation.**

## FOR MORE INFORMATION

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