



# Validating Apparel Safety to Protect Children

Children's garments and accessories are becoming more decorative and detailed, increasing the opportunity for hidden risk or danger. UL helps deliver products that meet the highest levels of safety and quality.

Children's apparel containing buttons, cords, beading, appliques, snaps, zippers, rivets, toggles, or trim can become a toy in the hands of an infant or toddler.

Safety testing focuses on the prevention of choking hazards due to the ingestion of small parts and the prevention of strangulation or entanglement hazards due to the presence of cords on children's apparel.

UL's team of textile and apparel experts can assess design during prototyping and top-of-production for safety and quality to the most stringent standards.

## Laboratory Testing

- Flammability resistance
- EN 14682 "Drawstrings and cords"
- Button and snap attachment resistance
- Trim and appliqué attachment resistance
- Substance toxicity
- Sharp points and edges
- Neck opening stretch
- Dimensional stability

Recognized for our history and extensive expertise in the safety review and testing of toys, and a deep understanding of child behavior, UL is proficient in providing Risk Assessment Protocols to the children's apparel industry in response to the need for objective evaluation.



For more details on how UL can help ensure the safety and quality of your children's apparel email [Apparel@ul.com](mailto:Apparel@ul.com) or visit [ul.com/apparel](http://ul.com/apparel).





## The process

- 1** Specialized Register Assessor Program (RAP) identifies potential safety hazards and risks to and beyond regulatory requirements.
- 2** UL behavioral psychologists report on foreseeable use and provide age grading expertise.
- 3** Chemists perform complete chemical and hazardous substance reviews.
- 4** Legislative specialists advise on rapidly changing and updated regulations within the trade.

Since 1894, UL has been a respected leader in safety science. Today, UL is advancing its commitment to protecting people, products and places through expert advisory and independent quality assurance testing, inspections, and assessments for a wide range of consumer products. Our network of more than 131 laboratory testing and certification facilities in 39 countries helps drive the integrity of global supply chains, optimize product performance and protect brands.

**UL's laboratories use recognized methods to test children's apparel for compliance to brand specifications as well as international regulations and standards including:**

- REACH
- CPSIA
- China GB
- BS
- DIN
- EN

**UL provides additional consumer product services, including:**

- Design evaluations and safety assessments
- Human factors evaluations
- Reasonable testing programs
- Chemical management programs
- Toxicological risk assessments
- Restricted substance evaluations



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