LCRHallcrest

APPLICATION NOTE 1411

New LCR Hallcrest technology ensures bath water is correct temperature

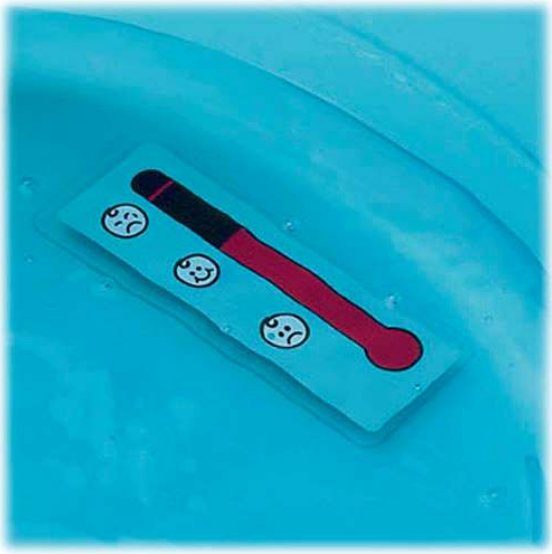
Fisher-Price was looking to incorporate a water temperature monitor into a baby bath tub and contacted LCR Hallcrest. This water temperature indicator alerted the parents to water temperature extremes, allowing them to make the appropriate adjustments for baby comfort and safety.

- **Requirement:** Fisher-Price requested a cost effective, easy to read, accurate temperature indicator at specified temperature points that could be affixed to the bottom of a baby tub and be submerged under water. Their preference was to have an indicator that was fool proof with a single color change indicating temperature versus the color play of our standard liquid crystal products.

- **Solution:** LCR satisfied their specifications with a temperature label that incorporated its **proprietary single color above liquid crystal indicator technology** that covered the requested temperature range and custom graphics that indicated bath water temperature. The indicator was also designed to be affixed to the bottom of the baby tub and submerged without damaging the liquid crystal thermometer.

- **Product Details**
  - SCA Red Liquid Crystal Indicator
  - Events: 3 (80, 90, & 100ºF)
  - Size: 4.00” x 1.50” (LC Area: 3.00” x .25”)
  - Stock: 5 mil with permanent adhesive backing

- **Benefits**
  - Cost effective solution that proved to be more accurate than other bath temperature products in the market
  - Thermometer was designed as a clear label allowing for application on different colored tubs, assisting with production efficiency and minimizing inventory.



For further information contact sal@hallcrest.com or visit www.hallcrest.com and let us show you what we can do!

AN1411 Rev00