

APPLICATION NOTE 1405

Custom liquid crystal sheets used for an interactive point of purchase display

Ryan Scott, a manufacturer of POP displays, contacted LCR Hallcrest regarding the possibility of using liquid crystal technology in a foot board display application. Their client was an insole company looking to give consumers a quick and easy to read visual indication of what their arch type was at the in-store sales display.

- **Requirement:** Ryan Scott needed a technology that could be applied to existing foot boards and rigorous enough to withstand retail traffic, once over laminated with a thin protective film. Multiple temperature ranges was also a necessity due to various ambient conditions they would encounter at different sites.
- **Solution:** LCR offered liquid crystal sheets cut into the specified oval size that covered the requested temperature ranges as well as produced a visual signature of the consumer's feet indicating arch type.
- Product Details
 - Liquid Crystal Sheets (various touch sensitive temperature ranges) cut into oval shapes
 - Oval Size: 5.629" x 12.754"
 - Provided with repositionable adhesive backing
- Benefits
 - Cost effective and unique technology addition to Ryan Scott's POP display portfolio.
 - Adaptable to various ambient conditions and able to accommodate multiple foot shapes and sizes.
 - Customizable material giving Ryan Scott the ability to offer various foot board design layouts.





For further information contact <u>sal@hallcrest.com</u> or visit <u>www.hallcrest.com</u> and let us show you what we can do! AN1405 Rev00

LCR is a results driven 13485 ISO manufacturer of color and chemical changing temperature measurement labels, indicators and graphics with in-house design, development and manufacturing capability that offers solutions for unique temperature identification problems.