



**Hernon Manufacturing, Inc.**®  
121 Tech Drive  
Sanford, FL 32771  
MAIN: 407-322-4000  
TOLL FREE: 800-527-0004  
Web Site: [www.hernon.com](http://www.hernon.com)

## FOR IMMEDIATE RELEASE

### CONTACT

Hernon Manufacturing, Inc.®  
Drew Richards  
407-322-4000  
E-mail: [drewrichards@hernon.com](mailto:drewrichards@hernon.com)

## Hernon Receives 2021 GLOBAL Technology Award for New Versatile Structural Adhesive

**SANFORD, FL — November 2021** — Hernon Manufacturing, Inc.® received a 2021 GLOBAL Technology Award in the category of Adhesives/Underfills/Encapsulants/TIMs for its Fusionbond® 374 microbead application. The award was announced during a ceremony that took place Tuesday, Nov. 16, 2021 during Productronica in Munich, Germany.

Fusionbond® 374 The 100 percent solid, room temperature cure, versatile structural adhesive offers rapid, high strength and high impact resistant bonds to a variety of substrates within minutes. The winning application answers a need in mobile phones manufacturing and solves the problem of laying micro-beads of adhesives with two-part adhesives. As the diameter of a bead decreases into the 200-250-micron range, two-part ratio dispensed products encounter difficulty ensuring a consistent mixture through traditional mixing methods such as static mixing wands. The result is significant changes in material ratios and bead properties across the bead line. This is a particular issue for high ratio adhesives such as 10:1 methyl methacrylate (MMAs) materials.

MMAs are a preferred choice for bonding electronic screens due to their fast curing, clarity for glass bonding and high bond strength with impact resistance.

Hernon is proud to announce a solution to this issue. Hernon's Fusionbond 374 is being used effectively to create beads in the 200-250-micron range. With an activator sprayed on to the substrate prior to bead placement, the bead cures in place with consistent properties throughout the line including clarity, high strength and impact resistance.



While Fusionbond 374 is an established MMA product with numerous other applications, the two-part, no mix nature of this formulation makes it a strong fit for micro bead applications. Both parts are applied without the need to precisely control the ratio in a mixture. The result is a reliable adhesive bead with less material and lower weight for improved technical specifications.

Hernon also offers the dispensing equipment to dispense this material in microbeads as well, providing a total solution for this application.

The GLOBAL Technology Awards have recognized the very best new innovations in the printed circuit assembly and packaging industries since 2005. The prestigious awards contest has been bringing together the global SMT and advanced packaging industry in a celebration of the companies and people that are achieving the highest standards and driving our industry forward. For more information, visit [www.globalsmt.net/awards](http://www.globalsmt.net/awards).

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#### **About Hernon®**

Hernon Manufacturing, Inc.® produces high-performance adhesives, sealants, UV LED curing lights and precision dispensing systems. Hernon® maintains a library unique adhesive and sealant formulas in addition to creating customized formulas to address specific manufacturing challenges. A full in-house chemical laboratory ensures quick turn around on testing and development projects and an on-site equipment division allows Hernon® to build, service and integrate unique dispensing systems to even the most exacting specifications. This integration helps Hernon® to provide customers with a Total Solution for any unique application.

Hernon® Manufacturing is headquartered in Sanford, FL. and maintains an ever-expanding network of over 100 distributor and partner locations around the globe. Already shipping to over 60 nations, Hernon® can provide adhesive solutions to manufacturing operations anywhere in the world.