

GEL-PAK BRINGS 40 YEARS OF DEVICE HANDLING EXPERTISE TO PHOTONICS WEST; WILL SHOWCASE LATEST INNOVATIONS FOR PROTECTING VALUABLE PHOTONICS COMPONENTS

Company Leverages Extensive Collaborations with Photonics Industry Leaders to Address Evolving Market Requirements for Device Handling and Protection

HAYWARD, Calif., January 18, 2023 — Gel-Pak, a Delphon company and a worldwide leader in cutting-edge materials and protective carriers for photonic devices, today announced it will demonstrate its latest material breakthroughs for the photonics market at Photonics West. The products exemplify the company's 40-year track record of collaborative development and innovation in photonics component handling solutions.

Working in collaboration with key industry leaders, Gel-Pak designed novel elastomer materials and form factors to streamline process steps in the manufacturing of photonic components. These advances allow for faster throughput and significantly reduced risk of breakage of high-value devices.

- The Gel-Pak TXF film carrier uses a unique micro texture to secure and protect fragile photonic devices using non-adhesive holding forces. The product offers a clean method of holding optical components by only touching 2% of a device's surface, which significantly reduces residue.
- The company's latest VMF carrier is currently in development with a large optics supplier. It minimizes contact to the active area of an optic's surface. Because contact is limited to the non-critical sections of the optical device, costly cleaning steps can be avoided.

"Photonics industry standards are more advanced and stringent than ever before, which is driving the need for cleaner and more protective handling and transport," said Joe Montano, Delphon CEO. "The industry is quickly converging on zero tolerance for residue and contamination that interfere with device performance. Our collaborative approach to product development allows us to stay one step ahead of emerging market demands and drives continuous product innovation to ensure your photonic devices remain free from damage during handling and transport."

Technology evolution

Gel-Pak is known for unique solutions that enable handling, transport and processing of small, valuable devices without risk of damage. It has a long history of collaboration with the world's leading photonic device manufacturers to create customized solutions for handling and processing their sensitive components.

The company first served the photonics market with its original Gel-Box products for handling optics and laser diodes. It next expanded into proprietary vacuum release technology for use in high-volume assembly of photonic devices, and then into the development of customized films for kitting and securing components during processing or for use as a substrate. The company's strong track record and materials expertise drove its recent collaborations with photonics device suppliers on the development of these new products.

Experience how we can protect your valuable devices at Photonics West

To learn more, please visit Gel-Pak at Booth #1651 at Photonics West, taking place January 28 to February 2 in San Francisco, Calif.

[About Gel-Pak](#)

At Gel-Pak, we develop and manufacture a family of polymer-based carriers and films designed to provide maximum protection during the shipping, handling and processing of delicate devices. Our manufacturing expertise allows us to customize existing products or rapidly develop novel solutions to meet evolving requirements for demanding environments. Headquartered in Hayward, Calif., we have been manufacturing device carriers since 1980. For more information, visit our website at www.gelpak.com.

[About Delphon](#)

Delphon comprises a carefully curated portfolio of companies that develop and deliver highly engineered materials for critical environments. Our materials, manufacturing, engineering and business experts focus on acquiring and investing in companies that develop advanced polymer, adhesive and print-on-product technologies. Our companies support customers in industries that are transforming the world, such as the semiconductor, medical/pharmaceutical and electronics industries. Our portfolio currently includes Gel-Pak, UltraTape and TouchMark. To learn more about Delphon, visit our website at www.delphon.com.