

Press Release

KRAIBURG TPE Deliver Skin-Deep Performance for Dermatoscopes with THERMOLAST® H

Kuala Lumpur, August 2025

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Tanned skin is everywhere—on beaches, billboards, and all social media! Whether it is from frolicking under the sun or hitting indoor salons, everyone is chasing that bronzed look. As influencer culture keeps pushing it as the beauty ideal, skin experts are raising the alarm: repeated tanning, especially without protection, can lead to sunspots, early aging, and even skin cancer. Truth be told, that sun-kissed glow might come at a serious cost.

Early detection of skin cancer improves treatment outcomes and can preempt its progression. Dermatoscopes are indispensable tools for identifying skin issues at the onset, both in [healthcare](#) and professional in-home care settings.

KRAIBURG TPE, a global manufacturer of TPEs and customized solutions for various industries, offers advanced material solutions for top-of-the-line medical devices that demand durability, precision, and comfort. Its medical-grade [THERMOLAST® H series](#) meets these requirements, making it ideal for dermatoscopes and other equipment designed for frequent use and consistent performance.

Optimized properties for critical medical applications

THERMOLAST® H provides superior adhesion to polar substrates like PP and PE, making it well-suited for use in multi-component medical devices such as dermatoscopes. This enhances manufacturing efficiency and supports long-term part integrity, even under frequent handling in clinical settings. Its optimized compression set helps sealing components retain their shape and function through repeated sterilization and use, maintaining both hygiene and performance. The material is also colorable, enabling customization for branding, component coding, or design appeal. With a [soft-touch surface](#), it

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provides a premium tactile experience and improved grip comfort during extended use by healthcare professionals.

Compliance with medical standards

THERMOLAST® H TPE compounds are free from animal ingredients, supporting ethical sourcing and meeting the growing demand for animal-free medical products. They comply with key international standards—including EU Regulation No 10/2011, US FDA CFR 21 (raw material conformity), ISO 10993-5, and GB/T 16886.5, thus ensuring material safety in healthcare applications. This regulatory compliance gives manufacturers and end-users confidence in both the quality and biocompatibility of the product.

Top choice for soft-touch and enhanced visual impact

THERMOLAST® H series is colorable, allowing customization for branding, component coding, or product aesthetics. Its soft-touch surface enhances grip comfort and provides a premium tactile experience during prolonged use by healthcare professionals. In terms of functionality, the material offers excellent versatility, supporting features like tactile switches, soft-touch grips, and comfort mats. It is also suitable for components such as seals, valves, flexible connectors, closures, and mouthpieces, combining safety and performance to meet the industry benchmark for advanced [medical devices](#).

Sustainability from the get-go

At KRAIBURG TPE, [sustainability](#) is at the heart of our innovation. Our portfolio features bio-based TPEs and compounds with post-consumer (PCR) and post-industrial (PIR) recycled content. Selected TPEs carry GRS and ISCC PLUS certifications. We also provide [Product Carbon Footprint \(PCF\)](#) data on request to support sustainability decisions.

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We have proudly earned the EcoVadis Gold Medal in 2025 and are committed to the Science Based Targets initiative (SBTi), aligning our goals with global climate action.

From reducing emissions to increasing circularity, our sustainable TPEs deliver dependable performance and are available worldwide to help meet your applications while advancing your sustainability goals.

Get in touch today to explore how KRAIBURG TPE is able to support you on your sustainability and product development journey.

Disclaimer: The applications mentioned are illustrative of material capabilities only. Final product suitability and regulatory compliance must be assessed and validated by the customer.



(Photo: © 2025 KRAIBURG TPE)

For high-resolution photography, please contact Bridget Ngang
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Information for members of the press:



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KRAIBURG TPE (www.kraiburg-tpe.com) is a global manufacturer of custom thermoplastic elastomers. KRAIBURG TPE was founded in 2001 as an independent business unit of the KRAIBURG Group and is now the industry's competence leader in the field of TPE compounds. The company's goal is to provide safe, reliable and sustainable products for customer applications. With more than 700 employees worldwide and production sites in Germany, the USA and Malaysia, the company offers a large product portfolio for applications in the automotive, industrial and consumer goods industries, as well as for the strictly regulated medical sector. The established THERMOLAST®, COPEC®, HIPEX® and For Tec E® product lines are processed by injection molding or extrusion and offer manufacturers numerous advantages not only in processing but also in product design. KRAIBURG TPE is characterized by its innovative strength, global customer orientation, customized product solutions and reliable service. The company is ISO 50001 certified at its headquarters in Germany and holds ISO 9001 and ISO 14001 certifications at all its sites worldwide.