

## Press Release

**KRAIBURG TPE's Innovative Solutions Upraises Healthcare Products for Higher Functionality**

Kuala Lumpur, December 2024

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### **KRAIBURG TPE's Innovative Solutions Upraises Healthcare Products for Higher Functionality**

KRAIBURG TPE, a global manufacturer of thermoplastic elastomers (TPE), is proud to showcase the innovative impact of its healthcare TPE materials in the medical and healthcare applications. In collaboration with TPE Healthcare Sdn Bhd, these advanced materials are featured in flagship products like the TPE Tourniquet and TPE Esmark Bandages. These innovations demonstrate how KRAIBURG TPE's cutting-edge solutions are advancing healthcare applications.

#### **KRAIBURG TPE Materials: A Key Component in Healthcare Innovation**

TPE Healthcare has selected KRAIBURG TPE's thermoplastic elastomers for their TPE Tourniquets and TPE Esmark Bandages, as our materials ensure superior performance, high quality and reliability standards in critical medical and healthcare applications.

#### **Product Highlights and Advantages**

The TPE Tourniquet and TPE Esmark Bandages are renowned for their single-use design, which also supports ESG criteria by enhancing hygiene, reducing cross-contamination, and promoting sustainable medical practices.

Key advantages of the TPE Tourniquet and TPE Esmark Bandages include:

- **Superior Elasticity:** Provides reliable compression and flexibility, ensuring optimal performance and patient comfort.
- **Enhanced Safety:** Latex-free and hypoallergenic, reducing the risk of allergic reactions.
- **Single-Use Hygiene Applications:** Supports infection control and ESG criteria by minimizing cross-contamination.

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- **Durability and Tear Resistance:** Ensures reliable performance for single-use medical applications like tourniquets and Esmark bandages, providing strength and elasticity for secure, effective application.
- **Soft Touch and Comfort:** Provides a comfortable and gentle feel against the skin, improving the patient experience.
- **Innovative Design:** The ergonomic and functional design of the tourniquet and bandages ensures easy use during emergencies.

"KRAIBURG TPE's materials have significantly enhanced the performance of our medical products, including the TPE Tourniquet and Esmark Bandages. Their innovative TPE solutions and services offer an ideal blend of elasticity, safety, and comfort, delivering reliable and superior functionality. These materials have enabled us to elevate the quality and consistency of our products, making them the preferred choice for healthcare professionals. We're proud to partner with KRAIBURG TPE in delivering high-performance medical solutions." – TPE Healthcare Sdn Bhd (Tee Kai Foong, Executive Director)

### About TPE Healthcare

TPE Healthcare Sdn. Bhd., incorporated in Malaysia in 2021, is a member of the Seri Jati Group. This forward-looking company specializes in manufacturing medical disposable devices, particularly elastic sheets and bands crafted from premium-grade thermoplastic polymer.

TPE Healthcare focuses on delivering tailor-made products and solutions with an emphasis on quality, safety, and comfort tailored specifically for the medical industry. The company holds certifications for ISO 13485:2016 and CE MDR, and is registered with the US FDA as well as the MDA in Malaysia.

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KRAIBURG TPE ([www.kraiburg-tpe.com](http://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 660 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.