

Press Release

KRAIBURG TPE Brush Up Water Dental Floss Design for Improved Dental Hygiene

Kuala Lumpur, January 2024

Page 1 of 4

KRAIBURG TPE Technology
(M) Sdn Bhd
Lot 1839 Jalan KPB 6
Kawasan Perindustrian Balakong
43300 Seri Kembangan, Selangor,
Malaysia

Phone +60 3 9545 6393

Info-asia@kraiburg-tpe.com
www.kraiburg-tpe.com

KRAIBURG TPE Brush Up Water Dental Floss Design for Improved Dental Hygiene

The rising popularity of water dental floss is attributed to its gentle effectiveness in removing plaque and debris from the tight spaces between teeth, especially for those with sensitive gums. As a result, thermoplastic elastomers (TPE) have found increased application in toothbrush grips, which now extends to encompass the handle, and buttons of water dental floss devices. Among the TPE options available, KRAIBURG TPE's **THERMOLAST® H** <https://www.kraiburg-tpe.com/en/thermolast-h-healthcare-tpe> HC/AP series stands out as the recommended TPE solution, offering optimal performance and comfort for these essential **dental care tools**. <https://www.kraiburg-tpe.com/en/kraiburg-tpe-enhancing-interdental-brush-performance-sustainable-tpe>

Optimal Performance and Comfort for User

The HC/AP series assures good compression set properties. These enable manufacturers to craft grips, handles, and buttons with ergonomic precision to provide comfortable user experience during every use. The excellent haptic feedback and soft-touch surface further enhance **comfort and easy grip**. <https://www.kraiburg-tpe.com/en/medical>

When it comes to water dental flossing, a reliable grip is essential. The HC/AP series delivers this with its anti-slip surface, achieved through overmolding TPE compounds. This design ensures that users can maintain a secure hold, even in wet conditions.

Safety is paramount, especially for devices that have close contact with the mouth. The TPE material in this series has been tested in accordance with ISO 10993-5 and GB/T 16886.5 (cytotoxicity), conforms to US FDA CFR 21, Regulation (EU) No 10/2011, and fulfills REACH and RoHS requirements.

Media Contact

Marlen Sittner
Head of Digital Marketing
Team Corporate Communications
Phone: +49 8638 9810-272
marlen.sittner@kraiburg-tpe.com

Asia Pacific
Bridget Ngang
Marketing Manager Asia Pacific
Phone: +603 9545 6301
bridget.ngang@kraiburg-tpe.com

Press Release

KRAIBURG TPE Brush Up Water Dental Floss Design for Improved Dental Hygiene

Kuala Lumpur, January 2024

Page 2 of 4

Additionally, the THERMOLAST® H HC/AP series is animal ingredient-free, PVC-free, silicone-free, and latex-free. It can also be sterilized using an autoclave at 121°C or by EtO, ensuring hygiene and safety are never compromised.

Its excellent adhesion with PP and PE through injection molding makes it a flexible choice for various applications.

Furthermore, the HC/AP series offers pre-coloration flexibility to meet specific project needs, providing distinctive aesthetic designs that set it apart from competitors.

Sustainability successes of our TPEs

KRAIBURG TPE's recent sustainability innovations include a series of material solutions specially developed for automotive, consumer, consumer electronics, wearables and industry applications. Comprising up to 48% post-consumer recycled (PCR) and 50% post-industrial recycled (PIR) content, the material complies with multiple global standards such as FDA raw material compliance, RoHS and REACH SVHC requirements. KRAIBURG TPE also provides customers with product carbon footprint values.

Are you looking for a sustainable TPE solution? [Talk to us!](#)

Our experts are happy to answer any questions you have, as well as to offer the right solution for your application.

Press Release

KRAIBURG TPE Brush Up Water Dental Floss Design for Improved Dental Hygiene

Kuala Lumpur, January 2024

Page 3 of 4



© Copyright 2024 KRAIBURG TPE.

(Photo: © 2023 KRAIBURG TPE)

For high-resolution photography, please contact Bridget Ngang
(bridget.ngang@kraiburg-tpe.com , +6 03 9545 6301).

Information for members of the press:



[download high-resolution images](#)



[latest news on KRAIBURG TPE](#)

Let's connect on Social Media:



Follow us on WeChat



Press Release

KRAIBURG TPE Brush Up Water Dental Floss Design for Improved Dental Hygiene

Kuala Lumpur, January 2024

Page 4 of 4

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 680 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.