

The PipeKnife Company

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Date: April 3, 2025

NEWS RELEASE – FOR IMMEDIATE RELEASE

The PipeKnife® Company adds to its broad product lines with release of Transparent LED Headlight Lens defrosting system.

Golden, Colorado, - The PipeKnife® Company (www.pipeknife.com and www.frostfighter.com), manufacturer of the original PipeKnife® sealant cutout knife and CHASM Advanced Materials (CHASM) a leading developer and manufacturer of Carbon Nanotube (CNT) materials today announced an exclusive license and marketing agreement for a Clear Lens LED headlight defroster kit for certain headlights with LED lights.

The introduction of LED headlights for automotive applications has created a need for affordable, after-market defrosting systems to clear ice buildup while operating in icy/snowy conditions. The PipeKnife Company through its ClearView division <https://frostfighter.com>, working jointly with CHASM developed a complete installation kit including (a) a transparent multi-layer conductive film overlay of defrosting grids using proprietary carbon nanotubes and metallic nanowire, (b) a wire harnesses system, (c) an electrical control module, and (d) an on/off switch for easy installation on a variety of LED headlights. The resulting product is a DIY defroster kit that delivers faster and more uniform heat to the headlight lens surface to remove snow and ice, is easy to install and affordable.

“Starting in early 2020 we received multiple requests for LED defrosters for headlights because the LED’s did not produce sufficient heat to clear the lens covering of ice buildup”, stated PipeKnife Owner and President Dell Skluzak. In 2023 the initial version of an LED headlight defroster utilizing the traditional ClearView kits was introduced with varying success. In 2023, work began with CHASM to incorporate the nanotube technology developed for clear thin film applications for LIDAR and RADAR applications for vehicles. After a two-year development and seasonal testing of version 2, the system is ready for release. ClearView Kit 1200-0406-LED will be marketed and sold from the ClearView defrosters offerings. “Our system has been tested for several months during multiple freeze/thaw cycles and is ready for sale and installation.”, stated Jeff Witters product engineer for ClearView products. “This partnership with The PipeKnife Company demonstrates the versatility and reliability of our AgeNT® transparent heater technology in critical automotive environments.” Said by David Arthur, CEO, CHASM Advanced Materials.

While specifically designed as a 4” x 6” self-applied transparent covering, other sizes can be designed to fit other specific needs. The new LED Headlight defrosting kit from ClearView is now available and will make its debut at the American Public Works Association Snow Conference in Grand Rapids, MI on April 6, 2025

About The PipeKnife® Company

The PipeKnife® Company, founded in 1993, is one of the largest suppliers of specialty removal and installation tools to the Auto Glass Replacement industries. Through its family of products marketed under the Frost Fighter, VD-K.TOOLS, Arctic Warmers, REID tools and PipeKnife AutoGlass Tools. The PipeKnife Company sells to over 300 distributors worldwide. www.pipeknifecompany.com and <https://autoglass.pipeknife.com>, www.frostfighter.com, VD-K.TOOLS, www.arcticwarmers.com

About CHASM Advanced Materials

CHASM's mission is to develop and manufacture advanced carbon nano materials, leveraging its innovative product platforms to create a safer, more connected and sustainable world. The company's patented nanotube manufacturing platform combined with its unique ability to integrate CNTs into product solutions is unleashing the power of nanotechnology. Innovations powered by CHASM include universal transparent heaters for safer driving and a broad range of non-automotive applications, transparent antennas for smarter cities, conductive additives for EV batteries, and cement additives for greener (lower carbon footprint) concrete. CHASM is building the world's largest multiwall CNT reactor (1,500 metric tons annual capacity) in Norman, Oklahoma, to produce NTeC® products to support battery and cement applications.

AgeNT, NTeC, CHASM, and the CHASM logo are trademarks of CHASM Advanced Materials, Inc.

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