

FOR IMMEDIATE RELEASE

Technic Releases New Graphite Process for Printed Circuit Boards, Circudep Black Knight

Cranston RI, USA – Technic is pleased to announce the official release of a new colloidal graphite process, **Circudep Black Knight**, the latest addition to our portfolio of advanced PCB processes. Circudep Black Knight is a proprietary colloidal graphite process designed to transform dielectric materials into conductive surfaces for efficient, subsequent copper plating. This newly improved process is engineered to offer unparalleled single-pass coverage on challenging dielectric materials such as Teflon and polyimide.



Circudep Black Knight

Circudep Black Knight addresses stability and coverage concerns associated with older direct metallization processes, marking a true advancement in electroless copper replacement. By enhancing reliability for critical applications, this innovative solution simultaneously streamlines processes, resulting in significant cost reduction.

One of the standout features of Circudep Black Knight is its environmentally friendly approach. This process utilizes graphite, thus eliminating cyanide, formaldehyde, and other toxic substances associated with electroless copper. The Black Knight process also minimizes downtime, waste generation, and rinse water usage. This commitment to sustainability aligns with Technic's dedication to responsible and eco-friendly solutions.

Having undergone rigorous testing in production environments, Circudep Black Knight has proven its reliability, stability, and predictability. Users can experience the multitude of benefits while maintaining remarkably low operating costs and achieving consistently high yields.

“Technic remains at the forefront of technological advancements, continuously pushing the boundaries to provide industry-leading solutions. With Circudep Black Knight, we reaffirm our commitment to innovation, reliability, and sustainability.”

- **Denis Jacques**, Global Product Manager / PWB

About Technic

Technic is a leading innovator in the field of advanced materials and surface finishing solutions. With a commitment to excellence and a history of delivering cutting-edge technologies, Technic has become a trusted name in the PCB industry. Technic has been a global supplier of specialty chemicals, custom finishing equipment, engineered powders, and analytical control systems to the semiconductor, electronic component, printed circuit board, industrial finishing, and decorative industries.

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For information on Technic & Technic products go to: www.technic.com or contact Technic at (401) 781-6100.