

FOR IMMEDIATE RELEASE

Contact: Paul Salerno
Paul.Salerno@alphaassembly.com

Alpha Introduces Ultra-Low Voiding Solder Paste Designed for Vacuum Solder Reflow

Somerset, NJ – December 12, 2018 – Alpha Assembly Solutions, the world leader in the production of electronic soldering and bonding materials, has recently introduced ALPHA® OM-355, designed specifically for vacuum soldering applications.

“In-line vacuum soldering capabilities are becoming more common as power density increases on BGAs and as BTC component packages require effective heat dissipation through void reduction”, said Paul Salerno, Global Portfolio Manager for SMT Solutions at Alpha Assembly Solutions. “This solder paste has an activator system that is optimized for the vacuum soldering reflow process to control the rate of volatilization and reduction in surface tension which allows voids to escape under reducing atmosphere. This promotes ultra-low voiding below 5% without the post-reflow defects commonly associated with vacuum soldering”.

Part of Alpha’s [Void Reduction Solutions](#), ALPHA® OM-355 is compatible with SAC305, Innolot and MAXREL™ Plus alloys. The ALPHA® OM-355 MAXREL™ Plus solder paste is intended for final assemblies in automotive, defense, aerospace, telecommunications, or any device requiring power management and high reliability.

For more information on [ALPHA® OM-355 Solder Paste](#), visit the [Alpha website](#).

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About Alpha Assembly Solutions

Alpha Assembly Solutions, part of the MacDermid Performance Solutions group of businesses, is the world leader in the development, manufacturing and sales of innovative specialty materials used for electronics assembly, die attach and semiconductor packaging in a wide range of industry segments, including automotive, communications, computers, consumer, power electronics, LED lighting, photovoltaics, and others.

As the electronics industry continues to evolve, Alpha is focused on developing novel and unique processes for solving assembly challenges. Whether traditional electronics assembly, die attach or emerging applications, such as flexible and formable electronics, Alpha designs solutions for manufacturing that looks at how multiple products can interact in the same environment to provide customers with the most effective assembly solution for their application.





Since its founding in 1872, Alpha has been committed to developing and manufacturing the highest quality materials with a focus on sustainability and recycling services. For more information, visit AlphaAssembly.com.

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