



*Technology for Improving SMT Print
Quality and Production Yield*

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Press Release

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Transition Automation Introduces new Permalex S Series

Specific for Aqueous Cleaning and Water Based Paste Formulations



Permalex -S Series High Performance SMT Printing Blades

Tyngsboro, Massachusetts, USA, December 8, 2022 — Transition Automation, Inc. today announces an expanded Permalex product line, with the introduction of the S series. This new product line is specifically designed for Aqueous Solder Paste formulations which have aggressive chemistries that are not compatible with the Standard E Series (Blue Spring Steel) version. This new series is developed from a high grade of Stainless steel – that is harder than stainless steel often used for stencils and squeegees. This product is ground

sharp – polished at the edge – and coated with the Permalex Teflon metal matrix. “We maintain all the aspects that make Permalex products highly durable for mission critical SMT printing. This way, customers are getting a nearly identical product – except this version can be used in highly alkaline paste chemistries, and in high humidity and tropical environments” states Mark Curtin, Technical Support Manager for Transition Automation. The product shares many high reliability aspects as the standard Permalex E series such as precision grind-polish-coat, Laser part number and date code marking, and hermetically sealed, clean dust free packaging. To order the Permalex S Series, customers may simply change the common product code “E” (or “W”) – to “S”.

Permalex S series is a stainless steel, high hardness and high yield strength alternative to Permalex E and is available immediately for any SMT Printer Platform. Permalex S may ordered with Universal Holder Assemblies or as bare replacement blades, or blades with holes, and/or with bends for intrusive printing.

This item is available immediately, with a delivery of 7 days or less, and may be purchased on the company’s web store at www.metalsqueegees.com

Transition Automation, Inc. is a worldwide leader in the manufacturing and distribution of Permalex® Edge Metal Squeegees, holder systems, and advanced SMT printing systems. Founded in 1989, Transition Automation, Inc. continues to advance the state of the art in surface mount solder paste printing by innovating the critical and high-cycle squeegee component of the SMT assembly process. Company headquarters are located at 5 Trader Circle, Building D, Tyngsboro, MA 01879 USA; Phone: 978-649-2400; Email: Sales@TransitionAutomation.com; Web: www.transitionautomation.com.

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