



POLYONICS



**Polyonics ... means high quality and high performance in any language.**

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**Polyonics' Label Materials Receive Approval on Compatibility Testing from ZESTRON America**

**WESTMORELAND, N.H. — October 19, 2009** — Polyonics Inc. announces that its XF-581, XF-582, XF-583, XF-584, XF-596 & XF-597 thermal transfer printable white polyimide label stocks were provided to ZESTRON America for compatibility tests with ZESTRON'S high precision cleaning agent, ATRON<sup>®</sup> AC200 at 13% concentration.

Each of the label materials a Dai Nippon R510 thermal transfer ribbon. These printed labels were then used in a printed circuit board reflow process, followed by seven wash cycles which represented "worst case" cleaning conditions. In all cases the printed label showed no visible defects.

Polyonics' polyimide label materials are coated with a permanent pressure-sensitive acrylic adhesive and a high opacity white topcoat specifically designed for thermal transfer printing. The XF-581 (1mil) & XF-582 (2mil) have a semi-gloss finish, the XF-583 (1mil) & XF-584 (2mil) have a matte finish and the XF-596 (1mil) & XF-597 (2mil) have a high gloss finish.

Each of these polyimide label materials are designed for barcode or alphanumeric identification of PCBs or related electronic components. Barcode labels made from these polyimide materials demonstrate excellent performance in RoHS ("lead-free") wave solder environments on either the top or bottom side of the board which range from 260° to 290°C (500°- 554°F).

Additionally, the label materials exhibit excellent resistance to harsh fluxes, cleaning agents, saponifiers and wave solder environments, and resist all commonly used methods of cleaning.

Zestron is the leading global supplier of cleaning products and services for the electronics manufacturing industry. Combining nearly 35 years of experience, comprehensive capabilities across multiple industries and applications, unparalleled research and development, ZESTRON collaborates with customers to help them exceed even the most stringent cleaning requirements. With over 32,000 square feet of floor space and a staff of 25 Master's degreed process engineers, ZESTRON's Technical and Analytical Centers serve customers in over 30 countries by providing 24/7 technical support from sites in the U.S., Europe, China and Malaysia.

All ZESTRON products from ATRON, VIGON, and ZESTRON product lines comply with the industries most stringent standards, are environmentally friendly and effective cleaning solutions for spray-in-air, spray-under-immersion as well as ultrasonic cleaning applications.