



Teknek Case Study – PPC Electronic AG (Switzerland)

Established for over 30 years, PPC Electronic AG is ranked as one of Europe's leading PCB manufacturers. The company specialises in hi-tech multilayer boards and large format backplanes for the telecommunications, medical, military, industry and IT sectors. This for quick turn and volume production.

As part of their production process the company had installed a contact cleaning machine (from another manufacturer) immediately the PCBs come out of the oven after the liquid resist is applied to the PCBs using a roller coater. The board is held in place using a chain gripping mechanism. When the board is released it causes debris to land on the board's surface. The contact cleaning equipment was supposed to remove this contamination but was not doing this satisfactorily.

A set of Teknek elastomer rollers and Teknek adhesive rolls were installed in the equipment and the customer experienced a dramatic improvement in the equipment's performance. For example, there was a reduction of 15 – 20 % in short circuits. Most of these were being caused by debris on the surface of the boards during the exposure process.

“It is commonly assumed that the brand of consumables used in contact cleaning equipment are more or less interchangeable,” said Roy Cannon, product manager, Teknek. “However, I think this case proves that this is not so. We have spent over 20 years perfecting the chemical composition of our elastomer rollers and adhesive rolls to offer optimal performance. Using inferior quality consumables will not produce the yield improvements or waste reduction a client should expect.”

For further information:

Teknek – www.teknek.com

PPC Electronic AG – www.ppc-electronic.com



