

CILS Xylene-Resistant Slide Labels: Case Study 2 for Manual Tissue Processing

by the Laboratory Department | CILS Label Technology Centre



CILS have worked with Cancer Research to create a durable, printable label for identifying microslides during manual, xylene-based tissue processing.

The laboratory's existing labels were inadequate for their standard deparaffinising protocols; separating from the adhesive, disintegrating and causing vital data to be lost.

While several solvent-resistant label materials exist, most are constructed for automated processes where the xylene, acetone or similar agent will have evaporated before slides are handled by a technician. In the case of the Cancer Research laboratory, manual tissue processing means slides are handled while wet with xylene, causing printed data to smudge on these labels.

To achieve maximum print resistance in this application, the solution was the CILS 8100-USRS label material printed with a CILS RRD grade thermal transfer printing ribbon. It's compatible with standard thermal transfer printers, and provided the Cancer Research laboratory with permanent slide labels that would keep print clear in organic solvents, IMS, IDA and temperatures up to +150 °C.

The 8100-USRS material is part of the **CILS Laboratory Slide Label** range of products.

CILS International manufacture durable labelling solutions for all laboratory environments and processes.

For more information, please contact: **Jason Collins, Technical Labelling Specialist on 01903 219000**
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About CILS International

CILS International leads innovation within the durable labelling industry, manufacturing computer imprintable labels for customers worldwide, and providing comprehensive ID solutions – including label design software, thermal transfer printers and printer ribbons.

CILS manufacture the widest range of durable labelling materials, and the Label Technology Centre (LTC) can also construct labels perfectly matched to your solution. Available for laser or thermal transfer printers, labels are made in any shape or size, pre-printed or left blank as per your requirements. The CILS Label Printing Service is also available to print your variable data onto labels for you.

CILS International operates from a state of the art manufacturing facility and supplies label solutions worldwide.