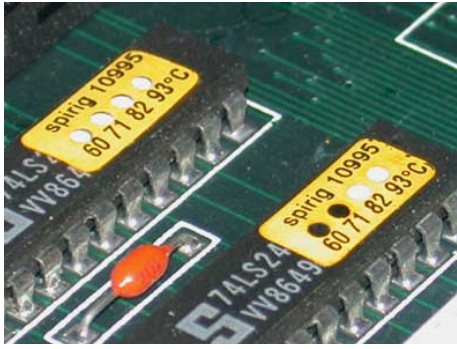


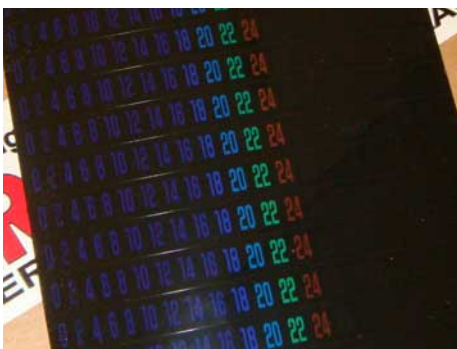
Temperature- Measuring- and Recording Labels



The **Micro-CelsiStrip®** (CS) above on the right hand IC pack has the originally white temperature sensible spots 60°C and 71 °C permanently (irreversible) blackened, a clear proof that these two temperature levels had been exceeded in the past. The still white 82°C and 93°C there have not been reaching their specific colour change levels.



The **CelsiPoint®** shown here do cover only one specific temperature level (select from 40 different levels between 40 to 260 °C). On the left side the surface did exceed the 82°C level, on the right side not.



The **Celsi-Reverso®** (CR) are custom designed, flexible, reversible LC (liquid crystal) thermometer strips. Available ranges between -35°C to +90°C. These LC strips do change colour according to the temperature level exposed. Number turning **green** shows the actual temperature level.



The **CelsiStrip®** (CS) tacked by its self-adhesive layer to the brake saddle of a HP-car indicates that this area during some experimental braking cycles had been heated to a maximal level of 54°C. The still original white temperature levels had not been reached. Only the Celsi® temperature sensing technique allows such a quick, easy to apply, really low cost temperature measuring and recording set-up.

CelsiStrip® CelsiDot® CelsiPoint® ...

Apply and Forget! Irreversible temperature level recording labels. Self-adhesive, easy applicable on any surface. 40 levels to choose from **+40 °C (105F) to +260 °C (550F)** and arranged in various combinations. Accuracy $\pm 1,5\%$. Permanent blackening of the original white level clearly indicates that this level had been exceeded.

www.celsi.com

Free samples on request. Prices on the separate pricelist

All types are available from stock.



Two **Jumbo-CelsiDot®** 93°C temperature labels are applied to an electric motor and gear box. The motor housing passed the 93 °C level. The gear box never reached the 93 °C. The large white / black change area can easily be spotted from a remote location. Excellent for visual remote supervision.



The **CelsiClock®** multi-level label combines five levels on a minimal area. This CelsiClock® was on a part going through thermal treatment. Levels 99, 121 and 143 °C have blackened. QC of parts manufacturing now has proof of sufficient treatment level, part can be released.

SPIRIG
SWITZERLAND

Manufacturer:

Spirig Ernest Dipl.-Ing.

Hohlweg 1 PO Box 1140 CH-8640 Rapperswil Switzerland

phone: (+41) 55 222 6900 fax: (+41) 55 222 6969

www.celsi.com info@spirig.com www.spirig.com