

## Statement on Thermal Label Stability

METTLER TOLEDO presents the documentation on storage conditions and image stability issued by RICOH INDUSTRIE FRANCE SAS with respect to its thermal paper RICOH 130 LSB (Label version with MT description: Self-adhesive label 56mm x 18mm, part number 30094725; Endless label version with MT description: Self-adhesive paper roll 58mm diam. 50m, part number 30094724).

RICOH INDUSTRIE FRANCE SAS certifies the printout image stability for 10 years for its thermal paper RICOH 130 LSB, if the paper is kept under proper storage conditions. The documentation was issued by RICOH INDUSTRIE FRANCE SAS to the benefit of METTLER TOLEDO and its customers using the above mentioned paper.

METTLER TOLEDO recommends the use of the thermal paper RICOH 130 LSB with thermal printers P-56RUE and P-58RUE. The use of any other thermal paper is not tested, especially in regard to printout image stability.

Please refer to the following pages for the correct storage conditions and further technical information on the thermal paper RICOH 130 LSB from RICOH INDUSTRIE FRANCE SAS.

Greifensee, September 13<sup>th</sup>, 2016  
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Laboratory Weighing



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<p style="text-align: center;"><b><u>STORAGE CONDITIONS and IMAGE STABILITY of</u></b> <b><u>RICOH THERMAL PAPER 130 LSB</u></b></p>
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**(1) STORAGE CONDITIONS** (before use)

In spite of its appearance of normal white standard paper, thermal paper is in fact a paper coated with a thermal sensitive layer.

*Regarding storage conditions of our **thermal grade RICOH 130 LSB**, the following items must be considered :*

- a) Storage temperature should not exceed 25°C and the level of relative humidity should be less than 60 %.**
- b) no exposure to direct sunlight as well as direct exposure to UV rays ;**
- c) avoid contact with plasticizers or materials containing plasticizers such as transparent soft PVC pockets ;**
- d) avoid water contact ;**
- e) no contact with solvents or solvent agents such as adhesives and cosmetics ;**
- f) no contact with aggressive gas like NOx or vapor of organic solvent ;**
- g) no exposure to any strong mechanical or physical friction process such as scratches (due to fingernails for instance).**

*As a consequence, if our **thermal paper 130 LSB** is kept wrapped and stored under above mentioned conditions, **it can be used for up to 10 years.***

## (2) IMAGE STABILITY (thermal print)

The image printed with the thermal printer, can loose from it's intensity if it is submitted to some external environmental agents.

*In order to be able to preserve the quality of the thermal printed image, special care should be taken as mentioned hereafter :*

- a) no exposure to direct sunlight as well as direct exposure to UV rays ;
- b) do not leave paper in areas where temperature may easily exceed 25°C ;
- c) avoid contact with plasticizers or materials containing plasticizers such as transparent soft PVC pockets ;
- d) avoid water contact ; level of relative humidity should be less than 60 %.
- e) do not touch thermal paper with humid fingers as fingerprints alterate the thermal printed image ;
- f) no contact with solvents or solvent agents such as adhesives and cosmetics ;
- g) no contact with aggressive gas like NOx or vapor of organic solvent ;
- h) no exposure to any strong mechanical or physical friction process such as scratches (with fingernails for instance).

*The properly imaged letters on **RICOH 130 LSB** can be read for up to 10 years, if stored under the above mentioned conditions.*



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