

# Handling and Storage of Tear Resistance Thermal Products

Tear resistance thermal products [ EnDURO Thermal ] are special products produced with a sensitive surface layer even though their appearance is not, in most cases, dissimilar to plain writing paper.

A printout may lose intensity due to the effect of certain environmental influences.

- Thermal papers should always be stored in a cool, dry place protected from light.
- Storage temperature should not exceed 23°C and the relative air humidity should be 40 - 60 %

Furthermore, the following instructions will help to ensure optimal print results:

- The print image must have been generated on a suitable printer providing a sufficiently high optical density. The image should show an optical density of at least 1.25 measured reflectometrically with an Macbeth densitometer.
- Do not expose to direct sunlight or to ultra violet ( UV ) rays for an extended period of time.
- Do not place too near to a source of intense heat, where temperature may exceed 40°C.
- Do not bring into contact with plasticizers or materials containing plasticizers, i.e. transparent sleeves made of soft PVC.
- Do not handle thermal paper with moist hands as fingerprints can also affect print quality.
- Do not bring into contact with solvents or solvent-coated materials, i.e. adhesives, nail varnish, domestic cleaners, etc.
- Do not bring into contact with freshly developed blue-print copies.
- Do not expose to strong mechanical friction, i.e. scratching with finger nails.
- Do not subject to heavy pressure.
- Do not store one thermal layer on top of another ( face to face ).

Further information about the product should be taken from the current technical data sheet.

SIHL advise that printed tear resistance thermal products stored under normal conditions should retain a legible image for up to 5 years or longer.

This guarantee applies only to the product supplied by SIHL, provided that no further processing steps took place, which could affect storage stability unfavorably.

[\* {.../AT/Datenblätter/INFOS/ EnDURO Thermal - Lagerung - E} E-AT wl 2014-07-16 ]