

**Koehler**  
THERMAL PAPER

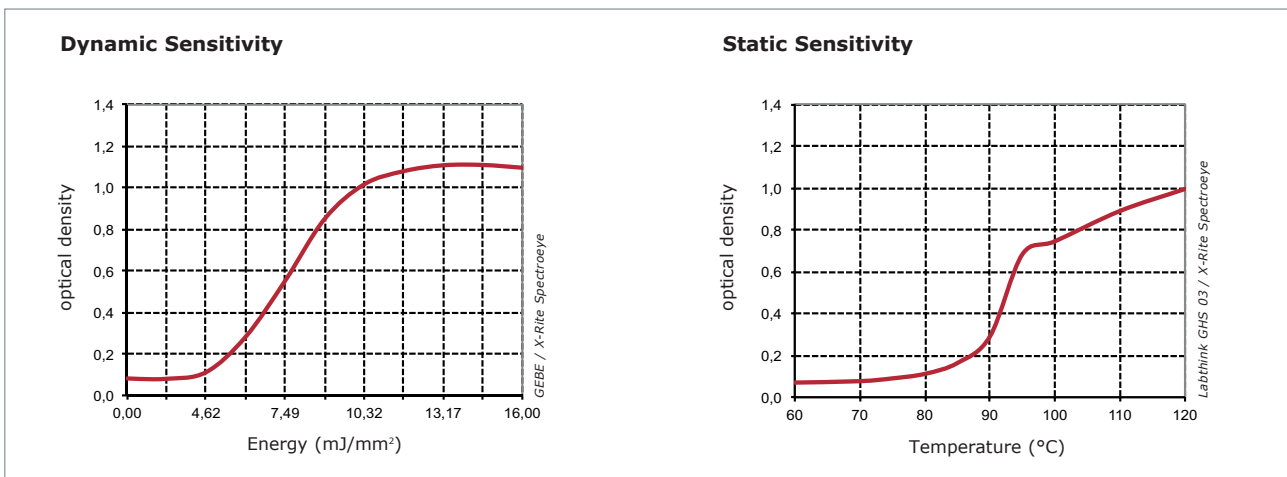
# KT 48 FA

**Application:** POS / ATM receipts

- Description:**
- standard sensitivity
  - 10 years durability at correct storage for thermal paper
  - improved stability against environmental influences
  - bisphenol A (BPA) free

| Physical Properties            | Value                                    | Test Method       |
|--------------------------------|--|-------------------|
| Substance                      | 46 g/m <sup>2</sup> ± 4 g/m <sup>2</sup> | ISO 536           |
| 17 x 22 - 500 sheets           | 12.2 ± 1.1#                              |                   |
| Caliper                        | 53 ± 5 µm                                | ISO 534           |
|                                | 2.09 ± 0.20 mils                         |                   |
| Smoothness (Bekk, front)       | ≥ 350 s                                  | ISO 5627          |
| Brightness (front)             | ≥ 80 %                                   | ISO 2470          |
| Tensile strength MD            | ≥ 35 N / 15 mm                           | ISO 1924-2        |
| CD                             | ≥ 12 N / 15 mm                           | ISO 1924-2        |
| <b>Preservation Properties</b> | Optical density after ageing *           | Conditions        |
| Heat resistance                | ≥ 90 %                                   | 24h / 50°C        |
| Moisture resistance            | ≥ 80 %                                   | 24h / 40°C 80% RH |
| Light resistance               | ≥ 75 %                                   | 24h / 16.000 lux  |

\* based on maximum optical density



subject to change without notice



**Koehler Paper SE**

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