

RX44FA

Application: POS receipts

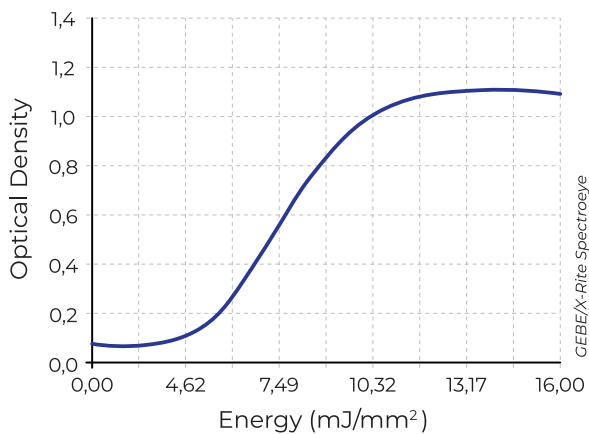
Description:

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

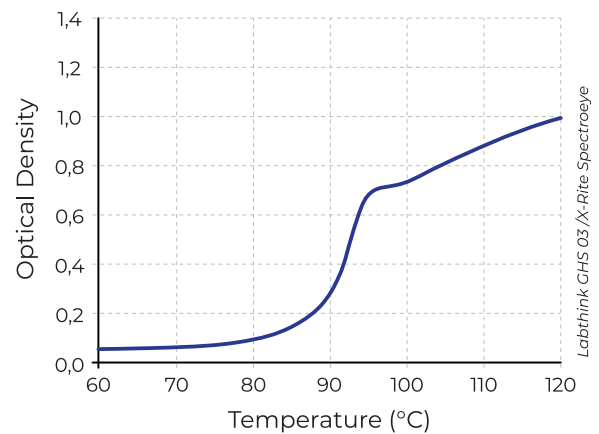
Physical Properties	Value	Test Method
Substance 17 x 22 - 500 sheets	42 g/m ² ± 4 g/m ² 11.1 ± 1.1#	ISO 536
Caliper	49 ± 5 µm 1.93 ± 0.20 mils	ISO 534
Smoothness (Bekk, front)	≥ 350 s	ISO 5627
Brightness (front)	≥ 80 %	ISO 2470
Tensile strength MD	≥ 30 N / 15 mm	ISO 1924-2
CD	≥ 10 N / 15 mm	ISO 1924-2
Preservation Properties	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

Dynamic Sensitivity



Static Sensivity



subject to change without notice
Revision: 3 / last update 06.21

RX44PF

Application: POS receipts

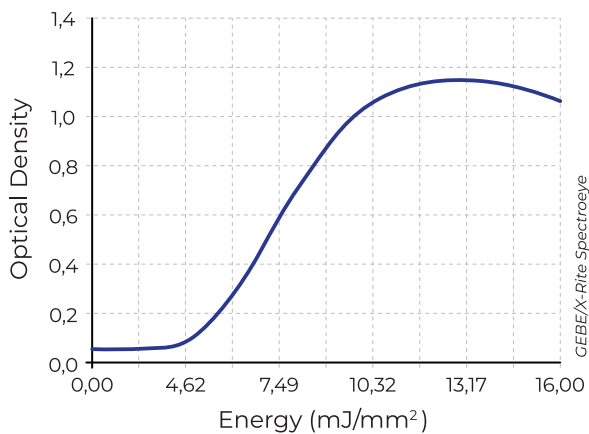
Description:

- medium sensitivity
- 10 years durability at correct storage for thermal paper
- improved stability against environmental influences
- produced without using phenols

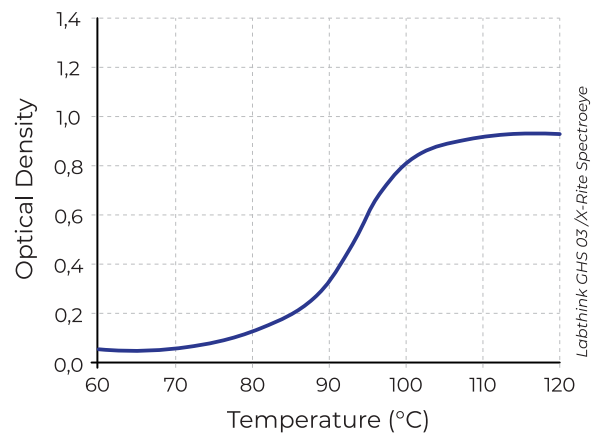
Physical Properties	Value	Test Method
Substance 17 x 22 - 500 sheets	42 g/m ² ± 4 g/m ² 11.1 ± 1.1#	ISO 536
Caliper	49 ± 5 µm 1.93 ± 0.20 mils	ISO 534
Smoothness (Bekk, front)	≥ 350 s	ISO 5627
Brightness (front)	≥ 85 %	ISO 2470
Tensile strength MD	≥ 30 N / 15 mm	ISO 1924-2
CD	≥ 10 N / 15 mm	ISO 1924-2
Preservation Properties	Optical density after ageing *	Conditions
Heat resistance	≥ 90 %	24h / 50°C
Moisture resistance	≥ 75 %	24h / 40°C 80% RH
Light resistance	≥ 80 %	24h / 16.000 lux

* based on maximum optical density

Dynamic Sensitivity



Static Sensivity



subject to change without notice
Revision: 2 / last update 11.21

RX48FA

Application: POS receipts, ATM receipts

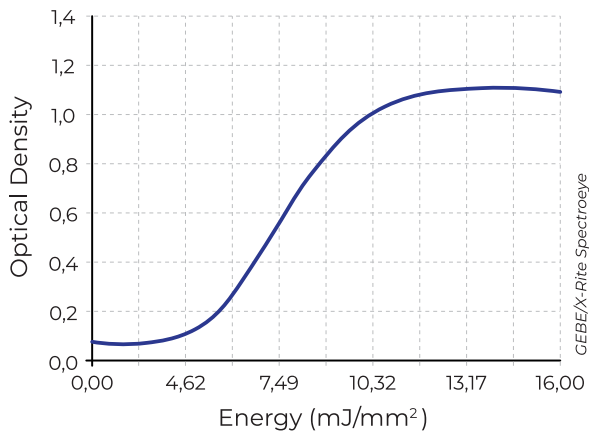
Description:

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

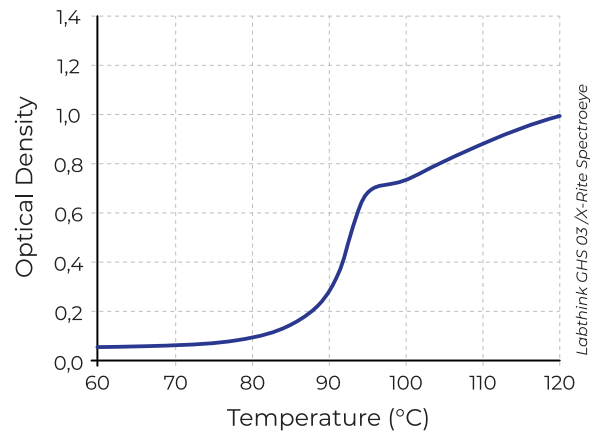
Physical Properties	Value	Test Method
Substance 17 x 22 - 500 sheets	46 g/m ² ± 4 g/m ² 12.2 ± 1.1#	ISO 536
Caliper	53 ± 5 µm 2.09 ± 0.20 mils	ISO 534
Smoothness (Bekk, front)	≥ 350 s	ISO 5627
Brightness (front)	≥ 80 %	ISO 2470
Tensile strength MD	≥ 35 N / 15 mm	ISO 1924-2
CD	≥ 12 N / 15 mm	ISO 1924-2
Preservation Properties	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

Dynamic Sensitivity



Static Sensivity



subject to change without notice
Revision: 8 / last update 06.21

RX48PF

Application: POS receipts, ATM receipts

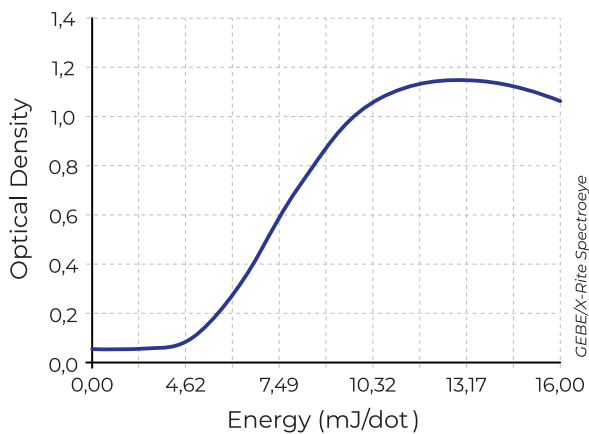
Description:

- medium sensitivity
- 10 years durability at correct storage for thermal paper
- improved stability against environmental influences
- produced without using phenols

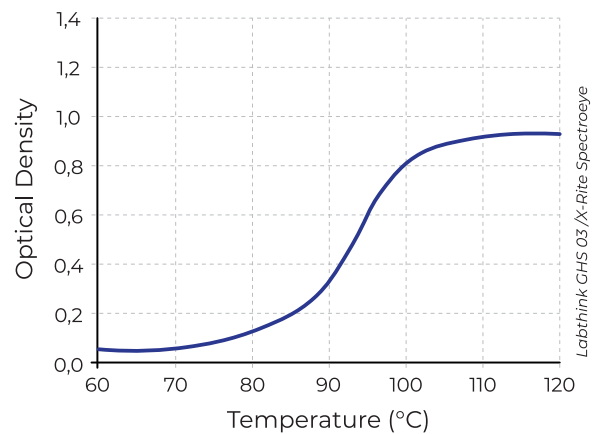
Physical Properties	Value	Test Method
Substance 17 x 22 - 500 sheets	46 g/m ² ± 4 g/m ² 12.2 ± 1.1#	ISO 536
Caliper	53 ± 5 µm 2.09 ± 0.20 mils	ISO 534
Smoothness (Bekk, front)	≥ 350 s	ISO 5627
Brightness (front)	≥ 85 %	ISO 2470
Tensile strength MD	≥ 35 N / 15 mm	ISO 1924-2
CD	≥ 12 N / 15 mm	ISO 1924-2
Preservation Properties	Optical density after ageing *	Conditions
Heat resistance	≥ 90 %	24h / 50°C
Moisture resistance	≥ 75 %	24h / 40°C 80% RH
Light resistance	≥ 80 %	24h / 16.000 lux

* based on maximum optical density

Dynamic Sensitivity



Static Sensivity



subject to change without notice
Revision: 5 / last update 11.21

RX55FA

Application: POS receipts, ATM receipts, Fax paper

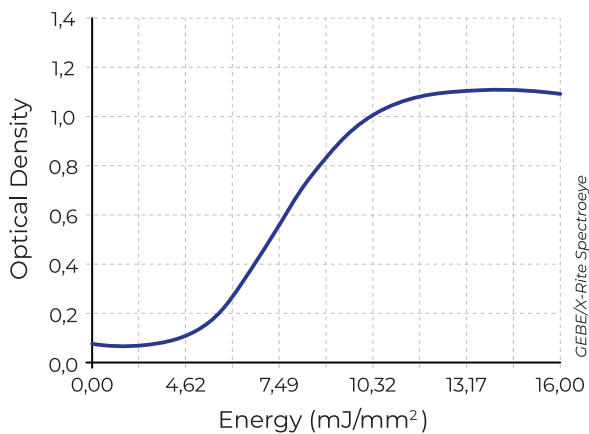
Description:

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

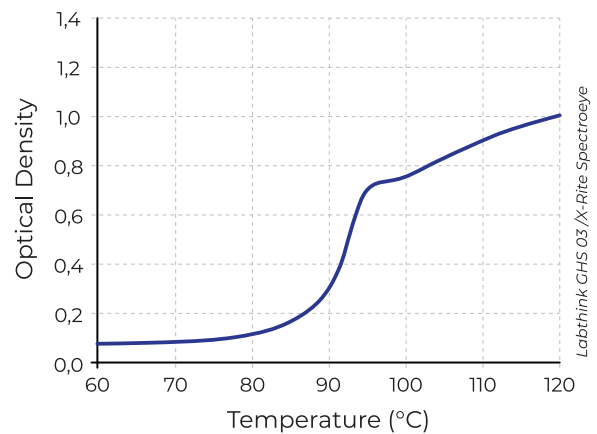
Physical Properties	Value	Test Method
Substance 17 x 22 - 500 sheets	52 g/m ² ± 4 g/m ² 13.8 ± 1.1#	ISO 536
Caliper	60 ± 5 µm 2.36 ± 0.20 mils	ISO 534
Smoothness (Bekk, front)	≥ 350 s	ISO 5627
Brightness (front)	≥ 80 %	ISO 2470
Tensile strength MD	≥ 40 N / 15 mm	ISO 1924-2
CD	≥ 15 N / 15 mm	ISO 1924-2
Preservation Properties	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

Dynamic Sensitivity



Static Sensivity



subject to change without notice
Revision: 7 / last update 06.21

RX55PF

Application: POS receipts, ATM receipts

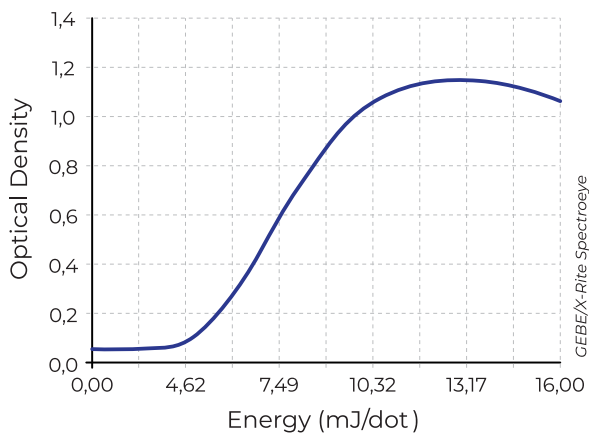
Description:

- medium sensitivity
- 10 years durability at correct storage for thermal paper
- improved stability against environmental influences
- produced without using phenols

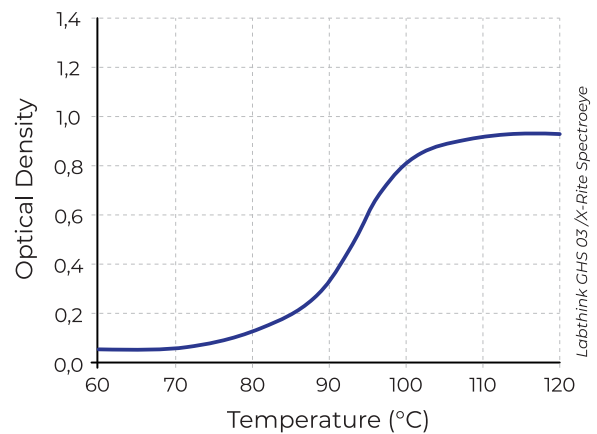
Physical Properties	Value	Test Method
Substance 17 x 22 - 500 sheets	46 g/m ² ± 4 g/m ² 12.2 ± 1.1#	ISO 536
Caliper	60 ± 5 µm 2.36 ± 0.20 mils	ISO 534
Smoothness (Bekk, front)	≥ 350 s	ISO 5627
Brightness (front)	≥ 85 %	ISO 2470
Tensile strength MD	≥ 40 N / 15 mm	ISO 1924-2
CD	≥ 15 N / 15 mm	ISO 1924-2
Preservation Properties	Optical density after ageing *	Conditions
Heat resistance	≥ 90 %	24h / 50°C
Moisture resistance	≥ 75 %	24h / 40°C 80% RH
Light resistance	≥ 80 %	24h / 16.000 lux

* based on maximum optical density

Dynamic Sensitivity



Static Sensivity



subject to change without notice
Revision: 5 / last update 11.21

RX58FA

Application: POS receipts, ATM receipts

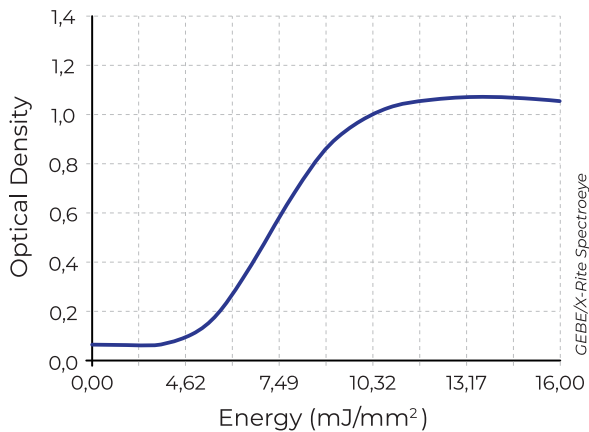
Description:

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

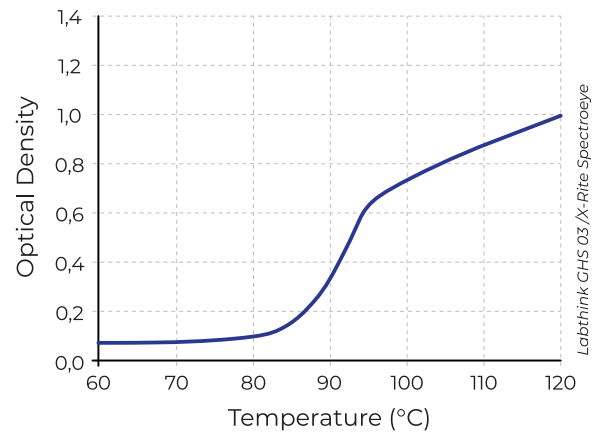
Physical Properties	Value	Test Method
Substance 17 x 22 - 500 sheets	58 g/m ² ± 4 g/m ² 15.4 ± 1.1#	ISO 536
Caliper	64 ± 5 µm 2.52 ± 0.20 mils	ISO 534
Smoothness (Bekk, front)	≥ 300 s	ISO 5627
Brightness (front)	≥ 80 %	ISO 2470
Tensile strength MD	≥ 45 N / 15 mm	ISO 1924-2
CD	≥ 20 N / 15 mm	ISO 1924-2
Preservation Properties	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

Dynamic Sensitivity



Static Sensivity



subject to change without notice
Revision: 5 / last update 11.21

RX75FA

Application: POS receipts, ATM receipts

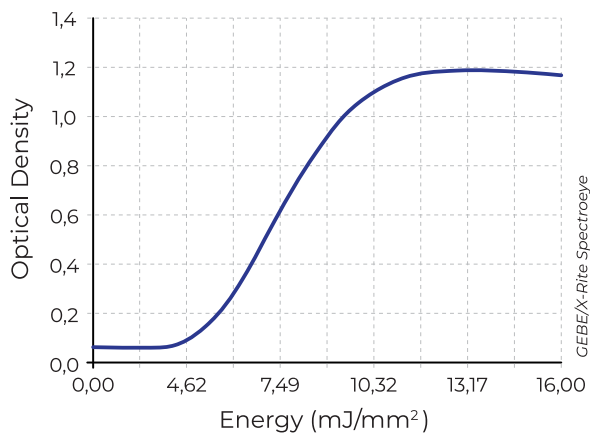
Description:

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

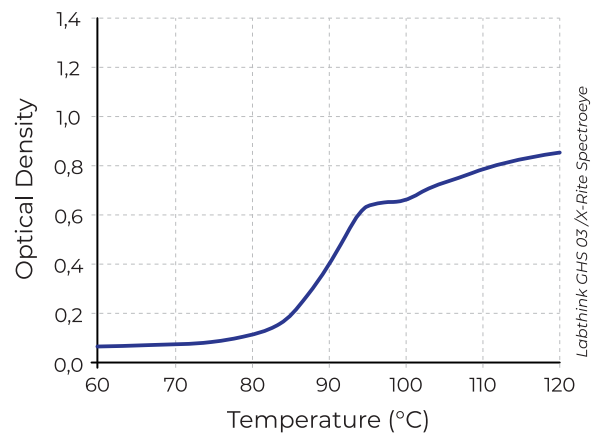
Physical Properties	Value	Test Method
Substance 17 x 22 - 500 sheets	75 g/m ² ± 4 g/m ² 19.9 ± 1.1#	ISO 536
Caliper	82 ± 5 µm 3.23 ± 0.20 mils	ISO 534
Smoothness (Bekk, front)	≥ 300 s	ISO 5627
Brightness (front)	≥ 80 %	ISO 2470
Tensile strength MD	≥ 60 N / 15 mm	ISO 1924-2
CD	≥ 30 N / 15 mm	ISO 1924-2
Preservation Properties	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

Dynamic Sensitivity



Static Sensivity



subject to change without notice
Revision: 3 / last update 10.21

RX4852ECO

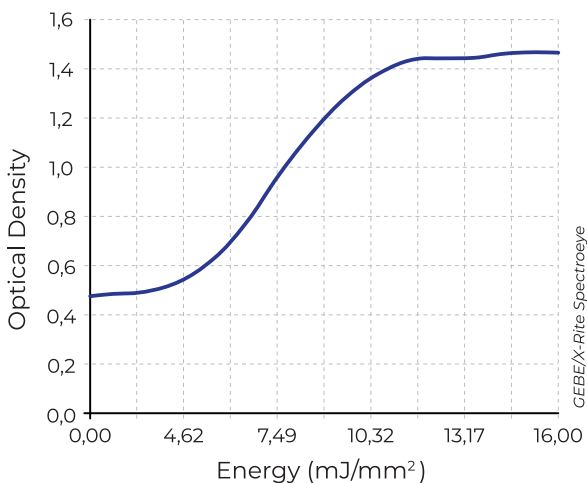
Application: POS receipts

- Description:**
- New proprietary technology for thermal paper without using chemicals known as color former or developer
 - Unique blue-grey color
 - Approved for direct food contact
 - Medium sensitivity
 - Very high image stability
 - Minimum 35 years durability (Image will not fade)
 - Recyclable
 - Compatible with common thermal POS printers
(printer settings according to the manufacturer's recommendation)

	RollaxEco 48 (Lite)	RollaxEco 52	
Physical Properties	Value		Test Method
Substance	48 g/m ² ± 4 g/m ²	52 g/m ² ± 4 g/m ²	ISO 536
Caliper	55 ± 5 µm	59 ± 5 µm	ISO 534
Smoothness (Bekk, front)	≥ 350 s		ISO 5627
Tensile strength MD	≥ 35 N / 15 mm	≥ 40 N / 15 mm	ISO 1924-2
CD	≥ 12 N / 15 mm	≥ 15 N / 15 mm	ISO 1924-2
Preservation Properties	Optical density after ageing *		Conditions
Heat resistance	≥ 100 %		24h / 50°C
Moisture resistance	≥ 100 %		24h / 40°C 80% RH
Light resistance	≥ 100 %		24h / 16.000 lux

* based on maximum optical density

Dynamic Sensitivity



subject to change without notice
Revision: 2 / last update 10.21

Static Sensivity

