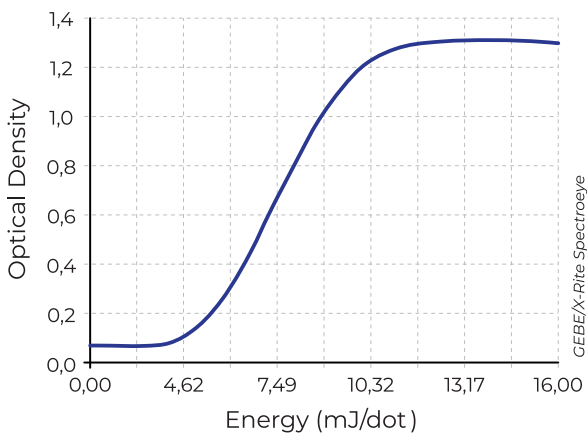


# RX65LFA

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

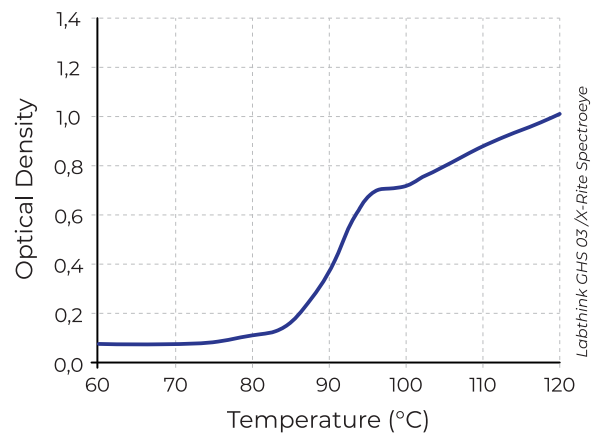
Physical Properties	Value	Test Method
Substance	63 g/m <sup>2</sup> ± 4 g/m <sup>2</sup>	ISO 536
Caliper	66 ± 5 µm	ISO 534
Smoothness (Bekk, front)	≥ 300 s	ISO 5627
Roughness PPS (1.0 MPa)	≤ 2,0 µm	ISO 8791-4
Brightness (front)	≥ 86 %	ISO 2470
Opacity	≥ 87 %	ISO 2471
Tensile strength MD	≥ 50 N / 15 mm	ISO 1924-2
CD	≥ 27 N / 15 mm	ISO 1924-2
Tensile stretch MD	2,0 ± 1,0	ISO 1924-2
Moisture Content (absolute)	5,5 - 6,5 %	ISO 287
Preservation Properties	Optical density after ageing *	Conditions
Heat resistance	≥ 85 %	24h / 50°C
Moisture resistance	≥ 90 %	24h / 40°C 80% RH
Light resistance	≥ 80 %	24h / 16.000 lux

## Dynamic Sensitivity



## Static Sensitivity

\* based on maximum optical density



subject to change without notice  
Revision: 4 / last update 02.22

# RX70LFA

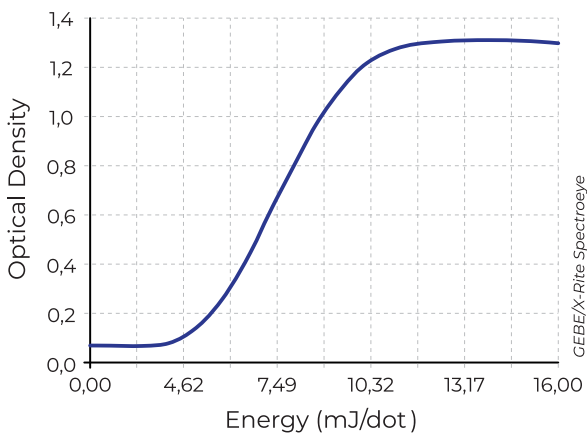
**Application:** Self-adhesive labels, Betting tickets

**Description:**

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

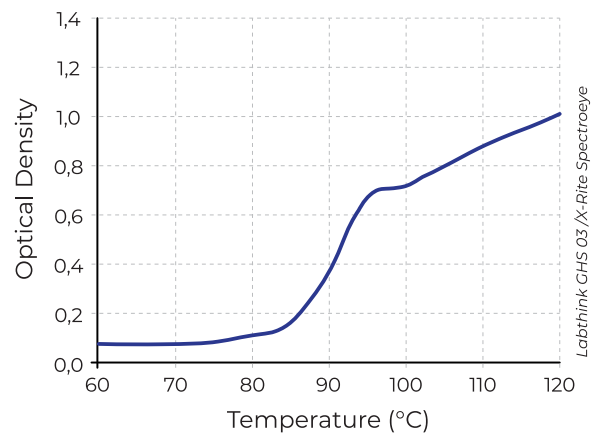
Physical Properties	Value	Test Method
Substance	68 g/m <sup>2</sup> ± 4 g/m <sup>2</sup>	ISO 536
Caliper	74 ± 5 µm	ISO 534
Smoothness (Bekk, front)	≥ 300 s	ISO 5627
Roughness PPS (1.0 MPa)	≤ 2,0 µm	ISO 8791-4
Brightness (front)	≥ 86 %	ISO 2470
Opacity	≥ 86 %	ISO 2471
Tensile strength MD	≥ 55 N / 15 mm	ISO 1924-2
CD	≥ 30 N / 15 mm	ISO 1924-2
Tensile stretch MD	2,0 ± 1,0	ISO 1924-2
Moisture Content (absolute)	5,5 - 6,5 %	ISO 287
Preservation Properties	Optical density after ageing *	Conditions
Heat resistance	≥ 85 %	24h / 50°C
Moisture resistance	≥ 90 %	24h / 40°C 80% RH
Light resistance	≥ 80 %	24h / 16.000 lux

## Dynamic Sensitivity



## Static Sensitivity

\* based on maximum optical density



subject to change without notice  
Revision: 4 / last update 02.22

# RX70LFB

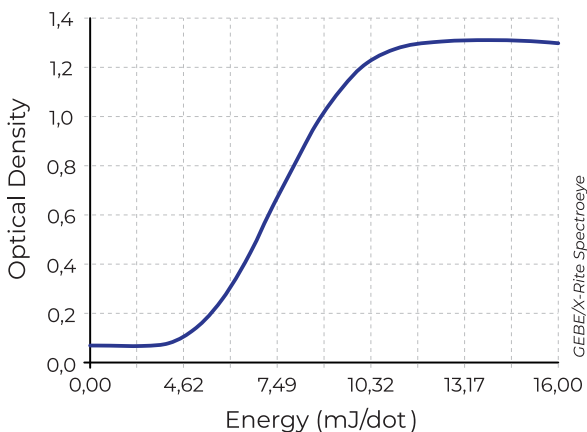
**Application:** Self-adhesive labels, Betting tickets, Medical charts

**Description:**

- medium to high sensitivity
- 12 years durability at correct storage for thermal paper
- improved stability against environmental influences
- produced without using bisphenols

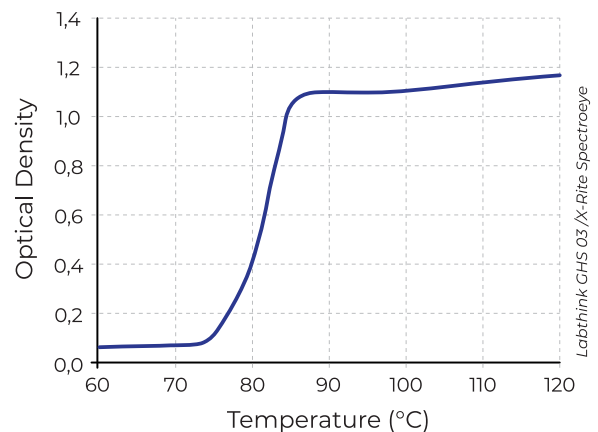
Physical Properties	Value	Test Method
Substance	69 g/m <sup>2</sup> ± 4 g/m <sup>2</sup>	ISO 536
Caliper	75 ± 5 µm	ISO 534
Smoothness (Bekk, front)	≥ 300 s	ISO 5627
Roughness PPS (1.0 MPa)	≤ 2,0 µm	ISO 8791-4
Brightness (front)	≥ 86 %	ISO 2470
Opacity	≥ 88 %	ISO 2471
Tensile strength MD	≥ 55 N / 15 mm	ISO 1924-2
CD	≥ 30 N / 15 mm	ISO 1924-2
Tensile stretch MD	2,0 ± 1,0	ISO 1924-2
Moisture Content (absolute)	5,5 - 6,5 %	ISO 287
Preservation Properties	Optical density after ageing *	Conditions
Heat resistance	≥ 90 %	24h / 50°C
Moisture resistance	≥ 90 %	24h / 40°C 80% RH
Light resistance	≥ 80 %	24h / 16.000 lux

## Dynamic Sensitivity



## Static Sensitivity

\* based on maximum optical density



subject to change without notice  
Revision: 3 / last update 03.22

# RX70LPF

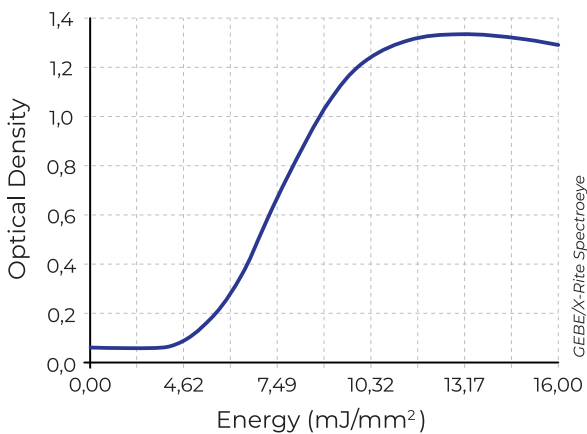
**Application:** Self-adhesive labels, Betting tickets

**Description:**

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

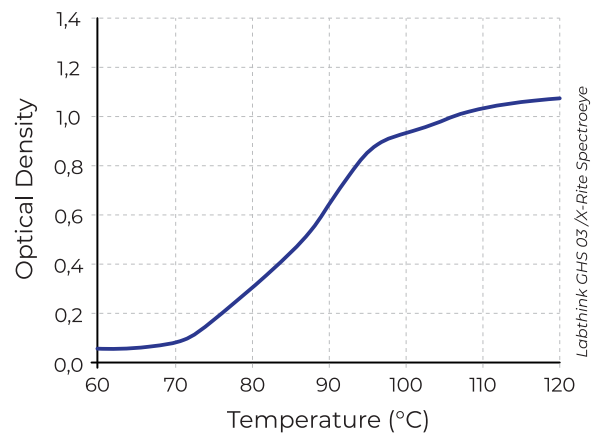
Physical Properties	Value	Test Method
Substance	68 g/m <sup>2</sup> ± 4 g/m <sup>2</sup>	ISO 536
Caliper	74 ± 5 µm	ISO 534
Smoothness (Bekk, front)	≥ 300 s	ISO 5627
Roughness PPS (1.0 MPa)	≤ 2,0 µm	ISO 8791-4
Brightness (front)	≥ 86 %	ISO 2470
Opacity	≥ 88 %	ISO 2471
Tensile strength MD	≥ 55 N / 15 mm	ISO 1924-2
CD	≥ 30 N / 15 mm	ISO 1924-2
Tensile stretch MD	2,0 ± 1,0	ISO 1924-2
Moisture Content (absolute)	5,5 - 6,5 %	ISO 287
Preservation Properties	Optical density after ageing *	Conditions
Heat resistance	≥ 95 %	24h / 50°C
Moisture resistance	≥ 85 %	24h / 40°C 80% RH
Light resistance	≥ 90 %	24h / 16.000 lux

## Dynamic Sensitivity



## Static Sensitivity

\* based on maximum optical density



subject to change without notice  
Revision: 4 / last update 01.22

# RX72TC

**Application:** Self-adhesive labels

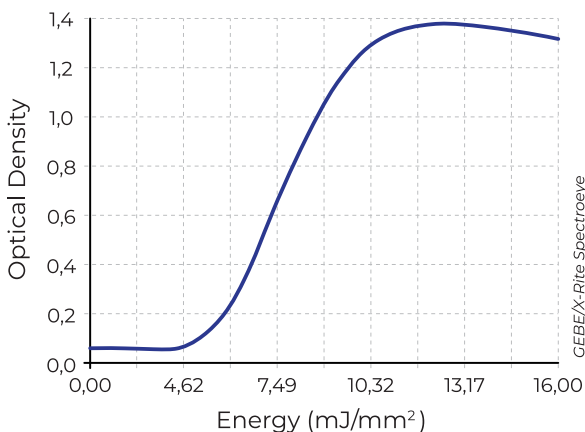
**Description:**

- topcoat quality
- medium sensitivity
- 12 years durability at correct storage for thermal paper
- high stability against environmental influences
- produced without using bisphenols

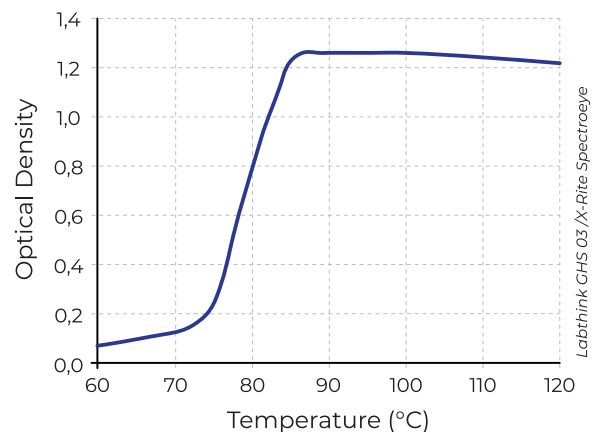
Physical Properties	Value	Test Method
Substance	63 g/m <sup>2</sup> ± 4 g/m <sup>2</sup>	ISO 536
Caliper	66 ± 5 µm	ISO 534
Roughness PPS (1.0 MPa)	≤ 2,0 µm	ISO 8791-4
Brightness (front)	≥ 90 %	ISO 2470
Tensile strength MD	≥ 60 N / 15 mm	ISO 1924-2
CD	≥ 30 N / 15 mm	ISO 1924-2
Tensile stretch MD	2,0 ± 1,0	ISO 1924-2
Moisture Content (absolute)	5,5 - 6,5 %	ISO 287
Preservation Properties	Optical density after ageing *	Conditions
Heat resistance	≥ 85 %	24h / 50°C
Moisture resistance	≥ 90 %	24h / 40°C 80% RH
Light resistance	≥ 80 %	24h / 16.000 lux
Resistances	Optical density after ageing *	Conditions
PVC, plasticizer, foil	≥ 90 %	KITP
Salad oil	≥ 90 %	KITP
Water	≥ 70 %	KITP

\* based on maximum optical density

## Dynamic Sensitivity



## Static Sensitivity



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

# RX75LFB

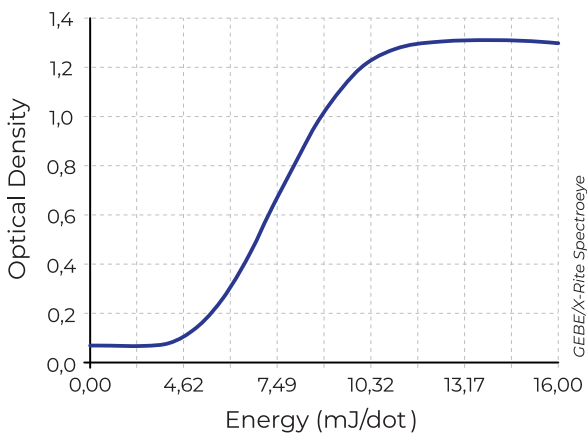
**Application:** Self-adhesive labels, Betting tickets, Medical charts

**Description:**

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

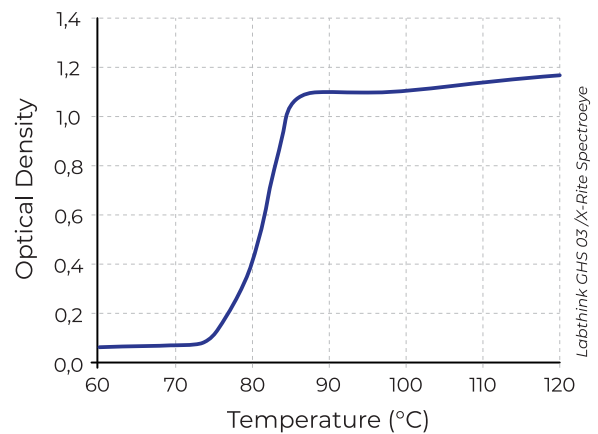
Physical Properties	Value	Test Method
Substance	75 g/m <sup>2</sup> ± 4 g/m <sup>2</sup>	ISO 536
Caliper	82 ± 5 µm	ISO 534
Smoothness (Bekk, front)	≥ 300 s	ISO 5627
Roughness PPS (1.0 MPa)	≤ 2,0 µm	ISO 8791-4
Brightness (front)	≥ 86 %	ISO 2470
Opacity	≥ 90 %	ISO 2471
Tensile strength MD	≥ 60 N / 15 mm	ISO 1924-2
CD	≥ 35 N / 15 mm	ISO 1924-2
Tensile stretch MD	2,0 ± 1,0	ISO 1924-2
Moisture Content (absolute)	5,5 - 6,5 %	ISO 287
Preservation Properties	Optical density after ageing *	Conditions
Heat resistance	≥ 90 %	24h / 50°C
Moisture resistance	≥ 90 %	24h / 40°C 80% RH
Light resistance	≥ 80 %	24h / 16.000 lux

## Dynamic Sensitivity



## Static Sensitivity

\* based on maximum optical density



subject to change without notice  
Revision: 4 / last update 02.21

# RX75LPF

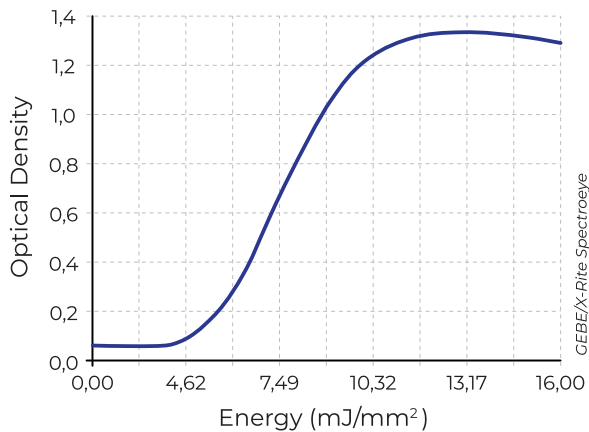
**Application:** Self-adhesive labels

**Description:**

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

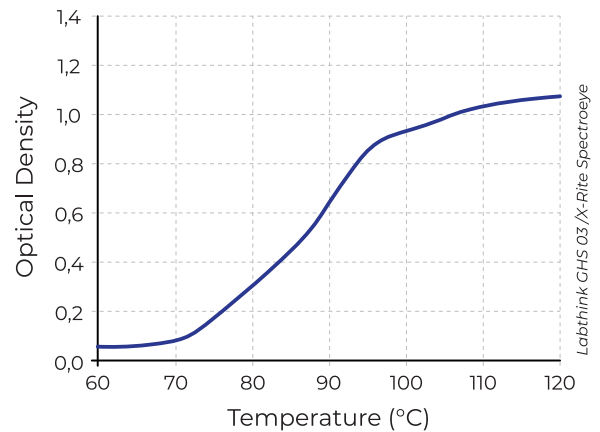
Physical Properties	Value	Test Method
Substance	75 g/m <sup>2</sup> ± 4 g/m <sup>2</sup>	ISO 536
Caliper	82 ± 5 µm	ISO 534
Smoothness (Bekk, front)	≥ 300 s	ISO 5627
Roughness PPS (1.0 MPa)	≤ 2,0 µm	ISO 8791-4
Brightness (front)	≥ 86 %	ISO 2470
Opacity	≥ 89 %	ISO 2471
Tensile strength MD	≥ 60 N / 15 mm	ISO 1924-2
CD	≥ 35 N / 15 mm	ISO 1924-2
Tensile stretch MD	2,0 ± 1,0	ISO 1924-2
Moisture Content (absolute)	5,5 - 6,5 %	ISO 287
Preservation Properties	Optical density after ageing *	Conditions
Heat resistance	≥ 95 %	24h / 50°C
Moisture resistance	≥ 85 %	24h / 40°C 80% RH
Light resistance	≥ 90 %	24h / 16.000 lux

## Dynamic Sensitivity



## Static Sensitivity

\* based on maximum optical density



subject to change without notice  
revision: 0 / last update 01.22

# RX90FA

**Application:** Data carrier for logistic purposes, address labels

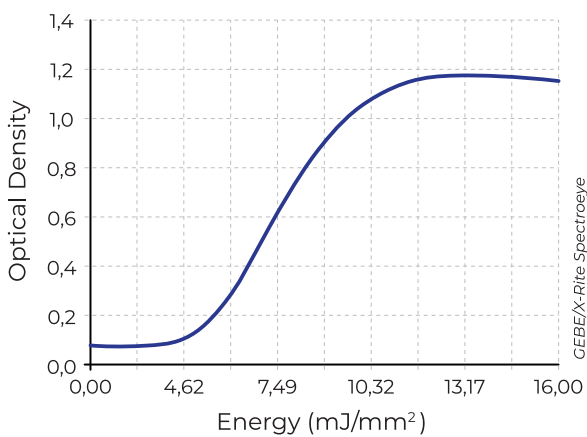
**Description:**

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

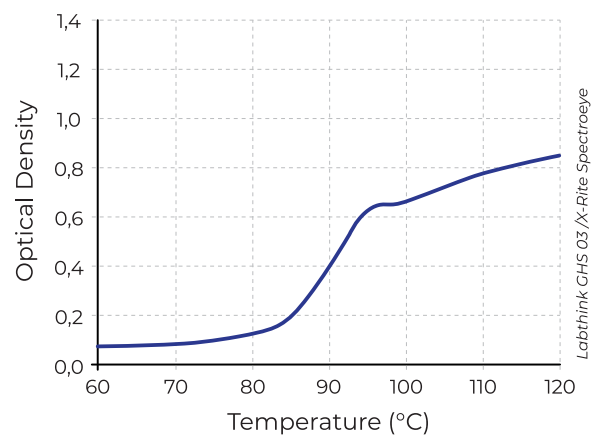
Physical Properties	Value	Test Method
Substance	87 g/m <sup>2</sup> ± 4 g/m <sup>2</sup>	ISO 536
Caliper	94 ± 5 µm	ISO 534
Smoothness (Bekk, front)	≥ 250 s	ISO 5627
Brightness (front)	≥ 75 %	ISO 2470
Opacity	≥ 90 %	ISO 2471
Tensile strength MD	≥ 75 N / 15 mm	ISO 1924-2
CD	≥ 40 N / 15 mm	ISO 1924-2
Preservation 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: 2 / last update 10.21