

HIGH-SENSITIVITY THERMAL PAPER

Technical Data Sheet

PRODUCT	GRADE / FINISH
HIGH-SENSITIVITY THERMAL PAPER	Base Paper Range

TECHNICAL SPECIFICATIONS

PARAMETER	48 gsm	55 gsm	58 gsm	65 gsm	70 gsm
Basis Weight (g/m²)	48 ± 6	55 ± 6	58 ± 6	65 ± 6	70 ± 6
Thickness (µm)	51-59	59-66	63-72	75-84	84-92
Density (g/cm³)	≥0.8	≥0.8	≥0.8	≥0.8	≥0.8
Whiteness (%)	75-92	75-92	75-92	75-92	75-92
Smoothness - front (s)	≥300	≥300	150-300	150-300	100-200
Tensile Strength MD (kN/m)	≥2.0	≥2.0	≥2.0	≥2.0	≥2.0
Optical Density (source unit: mJ/m²)	≥0.95	≥0.95	≥0.95	≥0.95	≥0.95
Shelf Life (months)	12	12	12	12	12

The source labels the optical-density unit as mJ/m² and does not state shelf-life storage conditions; both should be confirmed before contractual use.