

PLL90 ECO P05 standard FSC

Basic data: Linerless self-adhesive thermal paper. High quality release-coating treated thermal paper with adhesive. High sensitivity and excellent stability against environmental influences. Product is phenol-free. Field of application – linerless labels

Parameter	Value	Unit	Standard
Basis weight	91±5	g/m ²	ISO 536
Thickness	93±5	µm	ISO 534
Moisture content	6,0	%	ISO 287
Brightness (R457+)	>88	%	ISO 2470
Smoothness (Bekk)	>500	s	ISO 5627
Tensile strength MD	>59	N/15 mm	ISO1924/2
Tensile strength CD	>18	N/15 mm	ISO1924/2
Opacity	>88	%	ISO 2471

Adhesive - Hotmelt pressure sensitive adhesive with good adhesion to various substrates. Very low migration. For linerless labels with auto-cutter. Suitable for application by slot-die or slot-die with rotating bar

Parameter	Value	Unit	Standard
Peel adhesion after (180°/glass/24h)	15±3	N/25 mm	FTM 1*
Loop Tack (glass)	20±3	N/25mm	FTM 9*
Softening point	102	°C	(R&B)

* Tested with PET 50 mic

Storage conditions

Constant temperature (18-25°C) and humidity (40-55%). Warehouse should be clean and dry. Materials, if not used, should stay in their original packaging, or be well protected against dust and dirt. Do not expose to direct sunlight and any other heat sources.

Shelf life

12 months, only for materials produced by **Polcoat**, not for materials further processed

This product data sheet is intended to be as used as a guideline only. All products are sold with the understanding that purchaser has independently determined the suitability of such products for its purposes. The manufacturer reserves the right to change these parameters at any time without prior notice.

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