

JAC GRAPHICS

Laser-/Copier Labels Film

Print carrier

JAC® PE-Laser is a white, matt, opaque polyethylene film, suitable for laser printers.

JAC® Datapol White is a matt white polyester film with an ink and toner receptive coating.

JAC® Datapol Silver is a silver matt polyester film with backside metallization and ink and toner receptive coating.

JAC® Datapol Transparent Gloss is a transparent gloss polyester film with an ink and toner receptive coating.

JAC® Datapol Transparent Matt is a transparent matt polyester film with an ink and toner receptive coating.

Average values

Type	PE-Laser	Datapol White	Datapol Silver	Datapol Transp. Gloss	Datapol Transp. Matt
Weight (g/m ²) (ISO 536)	115	74	80	70	54
Thickness (µm) (ISO 534)	173	50	55	50	46

Adhesives

All products are equipped with acrylic based adhesives which are distinguished by very high ageing stability, UV- and heat resistance. Furthermore pe-laser complies with the European food directives and legislations, FDA 175.105 (for indirect food contact) and the German recommendations XIV as published by BfR. BfR (Bundesinstitut für Risikobewertung) is the German Federal Institute for Risk Assessment. The adhesive can be used in direct contact with dry and moist, non fatty foodstuffs.

Average values

Type	PE-Laser	Datapol White	Datapol Silver	Datapol Transp. Gloss	Datapol Transp. Matt
Peel Adhesion 90° (N/25 mm) (FTM 2 on st. St)	8	9	9	9	9
Tack (N/25 mm) (FTM 9 on glass)	15	14	10	14	14
Recommended minimum application temperature (°C)	+5	+10	0	+10	+10
Heat resistance (°C)	+100	+80	+150	+80	+80
Resistance to cold (°C) ¹⁾ down to	-20	-20	-80	-20	-20

¹⁾ Not fully resistant until after adhesion reaches full strength – after at least 24 hrs.

Silicone papers

All laminates are equipped with a white, one side coated, bleached, kraft liner for an excellent flatness.

Average values

Type	PE-Laser	Datapol White	Datapol Silver	Datapol Transp. Gloss	Datapol Transp. Matt
Weight (g/m ²) (ISO 536)	94	98	136	98	98
Thickness (µm) (ISO 534)	101	101	141	101	101

Laminate

All materials are designed for label applications using variable information such as address, instruction and inventory labels, labels for office use and many other applications.

Average values

Type	PE-Laser	Datapol White	Datapol Silver	Datapol Transp. Gloss	Datapol Transp. Matt
Weight (g/m ²) (ISO 536)	250	195	233	193	176
Thickness (µm) +/- 10% (ISO 534)	298	168	215	175	164
Shelf life (years) ²⁾	2	2	2	2	2

²⁾ Refers to adhesion when stored in original packaging in dark, dry conditions at a temperature of 22 ± 2 °C and a relative humidity of 50 % ± 5 %.

Guarantee and liability.

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