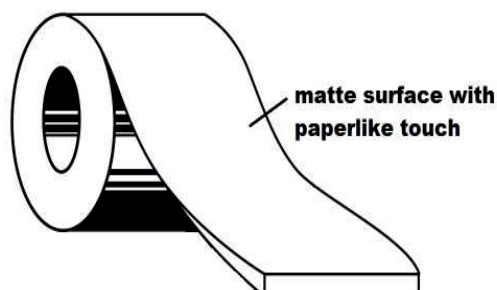


ID-FILM PRINT

Data sheet

Quality: ID-FILM PRINT PEM 200 ECO



Product information:

ID-FILM PRINT PEM 200 Eco is a biaxially oriented high density polyethylene film in a thickness of 200 μ . Using film printing inks, it could be applied without any problems in the traditional printing methods. The matt (paper like touch) surface enables an excellent printing quality for graphic printing and an optimal individual and personalised marking afterwards by thermal transfer (we recommend wax/resin ribbons) for the use in the field of tags, brochures, catalogues and registers. The film combines the advantages of a film with regard to stability and resistance against nearly all environmental influences with the proper printability of paper. This film is suitable for direct food contact.

Technical data

PRODUCT PROPERTIES	TEST METHOD	UNIT	VALUE / TOLERANCE
Thickness	ISO 4593	μ m	200 +- 7%
Basis Weight	ISO 4591	g/qm	217 +- 3%
Opacity	ISO 2471	%	> 88
Whiteness	ISO 2470	%	> 82
Elongation at break (on 25mm)	ISO 527	%	MD 700 TD 1000
Tensile strength (on 25mm)	ISO 527	N/25mm	MD 90 TD 95
Tensile strength (on 25mm)	ISO 527	Mpa	MD 18 TD 19
Elmendorf Tear	ISO 527	mN	MD 6000 TD >16000

Temperature resistance -40 to +100°C (based on average of polymers used, to be used for guidance only)

ID-FILM PRINT PEM 200 Eco could be corona treated one or two sides up to 48 dyne

ID-FILM PRINT PEM 200 Eco complies with EC 1935/2004 – EU 10-2011- Materials and articles intended to come into contact with food exclusive for acidic products.

The light fastness of standardly one year in unopened packaging could be improved by additional UV stabilisers up to 3 years.

ID-FILM PRINT PEM 200 Eco should be stored at 20°C and 50%RH, dry and clean areas in accordance with good industrial hygiene practice. We recommend any processing process to be carried out within 6 months after delivery.

The given data are based on our current technical knowledge and experiences. The user is not relieved of the duty to make their own tests and trials due to the possible massive amount of different kind of effects on our film during the handling and application. A legal and for this reason an obliged commitment with regard to specific characteristics or the suitability for a concrete application of the film could not be deduced from these data. Possible industrial property rights, existing law and official have to be considered by the user themselves. Corrections of the given data could always be done due to technological changes without any special announcement.