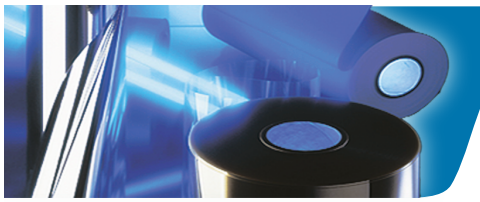

Hostaphan® MT

Matte polyester film with high roughness

Hostaphan® MT is a biaxially oriented, matte film, made of polyethylene terephthalate (PET). It has a regular matte surface on both sides. The matte appearance is independent from the inspection angle.

Typical properties

Property	*Thickness µm*	*Units*	*Value*		*Test Method*	*Test Conditions*
			MD	*TD*		
MECHANICAL						
Tensile strength	50 75 100	N/mm^2	160 170 170	200 200 210	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
Elongation at break	50 75 100	%	150 145 140	110 110 110	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
THERMAL						
Shrinkage	50, 75 100	%	1.1 1.1	0.1 0.6	DIN 40634	150°C, 15 min.
OPTICAL						
Transparency	50 75 100	%	81 77 66		ASTM-D 1003-61 method A	-
SURFACE						
Coefficient of friction (static)	50, 75, 100	-	0.4		DIN53375 or ASTM-D 1894	-
Gloss	50, 75, 100	-	23		DIN 67530	Measuring angle 60°
Roughness Ra value	50, 75, 100	nm	510		DIN 4768	Cut off 0.25 mm
PHYSICAL/CHEMICAL						
Density	50, 75, 100	g/cm^3	1.39		ASTM-D 1505-68 method C	23°C

MD = Machine direction, TD = Transverse direction

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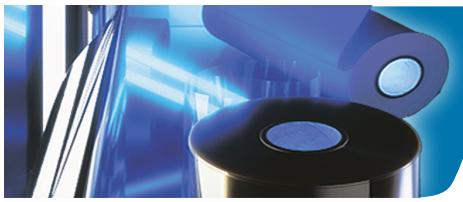

HOSTAPHAN®

Delivery program Hostaphan® MT

Thickness	*Yield*		*Roll length*	*Roll-diameter*	*Roll length*	*Roll-diameter*
µm	*g/m²*	*m²/kg*	*m*	*mm*	*m*	*mm*
50	70	14	3 200	485	6 400	670
75	104	9.6	2 000	485	4 000	670
100	139	7.2	1 600	485	3 200	670

Other roll lengths on request. Core diameter: 152.4 mm (6")

This Hostaphan® film is permitted for food contact according to the current version of EU Regulation 1935/2004 and 10/2011 as well as FDA regulation 21 CFR 177.1630 under the conditions set out in our current Declaration of Compliance. Before using this Hostaphan® film in a food contact article, please request this Declaration of Compliance.

This data sheet reflects our state of knowledge at the time this was prepared. The purpose is to provide an overview of the characteristics of our products and their potential uses. The values given reflect the typical characteristics of the film. They are not specification limits. They are neither a guarantee of specific properties nor the suitability of products in specific applications. The user must observe industrial property rights, such as patents or trademarks. The quality of our products is covered by the terms of the General Conditions of Sale of MITSUBISHI POLYESTER FILM GmbH.

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