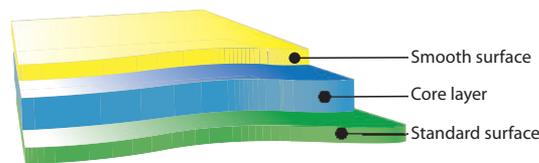


Hostaphan® RLDL

Film with smooth, glossy surface and isotropic shrink

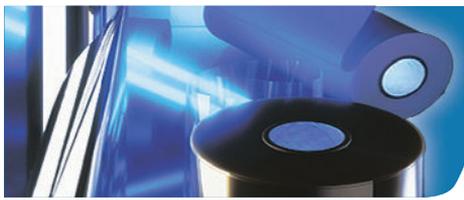
Hostaphan® RLDL is an ABC coextruded, biaxially oriented film, made of polyethylene terephthalate (PET) with one extremely smooth surface and a shrink characteristic which makes it especially suitable for coating in safety applications.

Layer structure of Hostaphan® RLDL



Typical properties

Property	Thickness μm	Units	Value		Test Method	Test Conditions
			MD	TD		
MECHANICAL						
Tensile strength	16, 19, 23	N/mm ²	270	260	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
Elongation at break	16, 19, 23	%	120	130	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
Young's Modulus	16, 19, 23	N/mm ²	4700	5000	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 1 %/min.; 23 °C, 50 % r.h.
F5-value (stress to obtain 5% elongation)	16, 19, 23	N/mm ²	110	105	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
THERMAL						
Shrinkage	16, 19, 23	%	1.1	1.1	DIN 40634	150°C, 15 min.
OPTICAL						
Haze	16, 19, 23	%	2.3		ASTM-D 1003-61 method A	Enlarged measurement angle
SURFACE						
Coefficient of friction (static) Side A/A Side A/C Side C/C	16, 19, 23	-	Blocks 0.400 0.400		DIN53375 or ASTM-D 1894	-
Gloss	16, 19, 23	-	200		DIN 67530	Measuring angle 20°



Property	Thickness μm	Units	Value		Test Method	Test Conditions
			MD	TD		
PHYSICAL/CHEMICAL						
Density	16, 19, 23	g/cm^3	1.4		ASTM-D 1505-68 method C	23°C

MD = Machine direction, TD = Transverse direction

Applications:

- Holograms

Delivery program Hostaphan® RLDL

Thickness μm	Yield		Roll length <i>m</i>	Roll- diameter <i>mm</i>
	g/m^2	m^2/kg		
16	22	45	On request	On request
19	27	38	9 200	500
23	32	31	9 600	550

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.