

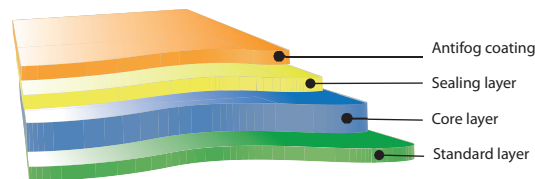


Hostaphan® RWS AF

Heat sealable film

Hostaphan® RWS AF is a biaxially oriented, coextruded film made of polyethylene terephthalate (PET) with one heat sealable surface and an excellent antifog coating. This film provides an outstanding weld seal to A-PET trays and PETG blister. Furthermore, it seals to other types of polyester and to itself, but not to polyolefins. The seal is not peelable.

Layer structure of Hostaphan® RWS AF



Typical properties

Property	Thickness µm	Units	Value		Test Method	Test Conditions
			MD	TD		
MECHANICAL						
Tensile strength	25 30 40	N/mm ²	260 230 195	240 230 260	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
Elongation at break	25, 30 40	%	130 190	130 130	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
Young's Modulus	25, 30 40	N/mm ²	4400 4000	4600 4800	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 1 %/min.; 23 °C, 50 % r.h.
THERMAL						
Shrinkage	25, 30, 40	%	1.3	0.2	DIN 40634	150°C, 15 min.
OPTICAL						
Haze	25, 30, 40	%	3.3		ASTM-D 1003-61 method A	Enlarged measurement angle
SURFACE						
Coefficient of friction (static)	25, 30, 40	-	-		DIN53375 or ASTM-D 1894	-
Side A/A			blocks			
Side A/C			0.4			
Side C/C			0.4			
BARRIER						
Oxygen	25 30 40	cm ³ /m ² x d x bar	57 47 37		DIN 53380	23°C, 50% r.h.



Property	Thickness μm	Units	Value		Test Method	Test Conditions
			MD	TD		
Water vapour	25	$\text{g}/\text{m}^2 \times \text{d}$		8	DIN 53122	23°C, 85% r.h.
	30			7		
	40			5		
PHYSICAL/CHEMICAL						
Density	25	g/cm^3		1.39	ASTM-D 1505-68 method C	23°C
	30, 40			1.4		
HEAT SEAL PARAMETERS						
Minimum sealing temperature	25, 30, 40	°C		130	-	-
Maximum sealing temperature	25, 30, 40	°C		190	-	-
Sealing strength	25, 30, 40	N/15 mm		4-6	-	Finseal @130°C, 4 bar, 0.5 sec, T-peel To A-PET trays @160°C, 4 bar, 1 sec, 180° peel
				7-10		

MD = Machine direction, TD = Transverse direction

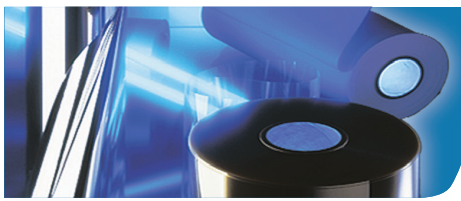
Applications:

- Packaging
- Lidding for trays e.g. meat packaging

Delivery program Hostaphan® RWS AF

Thickness μm	Yield		Roll length <i>m</i>	Roll-diameter <i>mm</i>
	g/m^2	m^2/kg		
25	35	29	On request	On request
30	42	24		
40	56	18		

Core diameter: 152.4 mm (6")



HOSTAPHAN®

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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