



## Hostaphan® WDW M and WDW 2CSR

### White, metallised polyester film and white, metallised, chemically treated polyester film

Hostaphan® WDW M and WDW 2CSR are white, biaxially oriented polyester films, made of polyethylene terephthalate (PET). Hostaphan® WDW M is metallised.

Hostaphan® WDW 2CSR is one side chemically treated with a crosslinked acrylic coating for improved adhesion of solvent based coatings and printing inks. The opposite side is metallised.

### Typical properties

Property	Thickness µm	Units	Value		Test Method	Test Conditions
			MD	TD		
<b>MECHANICAL</b>						
Tensile strength	12 23	N/mm <sup>2</sup>	200 165	240 250	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
Elongation at break	12 23	%	110 160	75 85	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
Young's Modulus	12 23	N/mm <sup>2</sup>	4500 4000	5200 5600	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 1 %/min.; 23 °C, 50 % r.h.
<b>THERMAL</b>						
Shrinkage	12 23	%	1.2 1.0	1.2 1.0	DIN 40634	150°C, 15 min.
<b>SURFACE</b>						
Coefficient of friction (static) (Not metallized side)	12, 23	-	0.3		DIN53375 or ASTM-D 1894	-
<b>PHYSICAL/CHEMICAL</b>						
Density	12, 23	g/cm <sup>3</sup>	1.46		ASTM-D 1505-68 method C	23°C

MD = Machine direction, TD = Transverse direction



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## Delivery program Hostaphan® WDW M and WDW 2CSR

Thickness <i>μm</i>	Yield		Roll length <i>m</i>	Roll-diameter <i>mm</i>
	<i>g/m<sup>2</sup></i>	<i>m<sup>2</sup>/kg</i>		
12	17	60	On request	On request
23	34	30		

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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