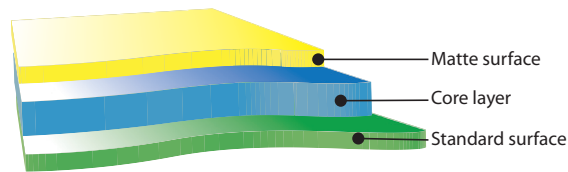


## Hostaphan® MPXI/MPXO

### One-side matte film with high transparency

Hostaphan® MPXI/MPXO are biaxially oriented, coextruded 3-layer films made of polyethylene terephthalate (PET), which are characterized by a matte and a smooth surface.

### Layer structure of Hostaphan® MPXI/MPXO



### Typical properties

Property	Thickness μm	Units	Value		Test Method	Test Conditions
			MD	TD		
<b>MECHANICAL</b>						
Tensile strength	50	N/mm <sup>2</sup>	200	260	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
Elongation at break	50	%	170	130	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
Young's Modulus	50	N/mm <sup>2</sup>	4200	5200	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)	50	N/mm <sup>2</sup>	105	105	ISO 527-1 and ISO 527-3 Sample type 2	Test speed 100 %/min.; 23 °C, 50 % r.h.
<b>THERMAL</b>						
Shrinkage	50	%	1.3	0.5	DIN 40634	150°C, 15 min.
<b>OPTICAL</b>						
Transparency	50	%	87		ASTM-D 1003-61 method A	-
Haze	50	%	55		ASTM-D 1003-61 method A	Enlarged measurement angle
<b>SURFACE</b>						
Coefficient of friction (static)	50	-	0.4		DIN53375 or ASTM-D 1894	-
Gloss	50	-			DIN 67530	Measuring angle 60°
Matte surface			40			
Standard surface			105			

