

Specification Sheet

Suitable for digital, laser and offset litho printing.

Thin 145

OS – Front Side, RS – Reverse Side, L – Machine direction, Q – Cross direction

	Test Method	Unit				Value
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Physical

Thickness	DIN 53105 ISO 534	µm	-	75 ± 6	100 ± 7	150 ± 10
Weight	DIN 53104	g/m ²	-	85 ± 7	120 ± 9	190 ± 13

Mechanical

Strength	ISO 527-1	N/mm ²			A	J	H	
	ISO 527 3		L	150	150	100	150	150
			Q	180	260	80	190	190
Elongation at Break	ISO 527-1	%			A	J	H	
	ISO 527 3		L	120	150	100	150	150
			Q	120	260	80	190	90

Thermal

Melt Temp of Base Film	ASTM E 794	°C	-	250-255	250-255			
Shrinkage	DIN 40634 (150°C, 15min)	%			A	J	H	
			L	2,8	0,7	2,5	1,0	1,0
			Q	0,8	0,7	1,5	1,0	1,0

Optical

Opacity	ISO 2471	%	-	~90	~92	~95
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Surface

Smoothness	DIN 53107	sec	OS	>50	> 50	>50
Printing Penetration	IGT W 24	1000/mm	OS	9 - 16	9 - 16	9 - 16

For more information or a quote visit expressencap.co.uk or call 01179 414 999

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