

# EverCore™ Sustain PVC Overlay Card Substrates Technical Data Sheet

## Description and Applications

Evercore™ Sustain PVC Overlay film is specifically designed to complement our EverCore™ Sustain PVC Core. Our EverCore™ Sustain PVC Overlay maintains the integrity of your cards while aligning our commitment to a more sustainable future. This is produced at GRS 4.0 certified manufacturing site and with UL certified recycled content for Environmental Claim Validation Procedure (ECVP for recycled content), ensuring traceability of recycled feedstock and recycled content. Options for digital & laser compatibility are also available.

## Typical Property Values

Property		Test Method	Units	Value
Physical				
Density		DIN EN ISO 1183-2	g/cm3	1.23 +/- 0.03
Thickness		Micrometer	mm	+/- 10%
Width			mm	+/- 1.0mm
Length			Mm	+/- 1.0mm
Squareness		1m x 1m	mm/M	≤ 1.2mm
Dyne Level	Front	ISO 8296	Dyne / cm	≥ 36
	Back		Dyne / cm	≥ 35
Roughness	R <sub>a</sub>	DIN 4768	um	0.5 – 1.8
90° Peel Strength		GB/T 17554.1	N	≥ 6
Mechanical				
Tensile Strength	MD	DIN EN ISO 527	MPa	≥ 12
	TD			≥ 12
Thermal				
Shrinkage at 140°C / 10min	MD	DIN 53377	%	≥ -28
	TD			≤ 13
Vicat Heat Resistance (B50)		DIN EN ISO 306	°C	72 +/- 2°C
Visual Inspection				
Surface / Foreign Particles (Gels, Inclusions, etc)	Ø0.3mm – Ø0.5mm	Visual	Nos / m <sup>2</sup>	≤ 20
	≥ Ø0.5mm			None
	Others			Not Allowed

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These are typical properties and are not intended for specifications purposes. If minimum certifiable properties are required, please contact your local sales representative. Reported values are based on 0.08mm thickness film unless otherwise noted.

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