



PRODUCT DATA SHEET

For Fineflex flat lamination, wrapping, and postforming

fineflex **NATURE**
by Fine Decor & Schattdecor

fineflex **MAT+**
by Fine Decor & Schattdecor

fineflex **MICRO MAT+**
by Fine Decor & Schattdecor

fineflex **METALLIC**
by Fine Decor & Schattdecor

fineflex **STRUCTURE**
by Fine Decor & Schattdecor

PRODUCT NAME	Fineflex	
PRODUCT STRUCTURE		Embossing (optional) Laquering Decor Printing (optional) PET base film Backside primer
INTENDED USE	Environmentally friendly PET film for use in the furniture industry. Suitable for furniture in areas with increased moisture impact and ideal for 2D flat lamination, wrapping and postforming. Application and processing of Fineflex Structure must be tested individually. Available for use with a solid color, printed decor, and metallic effect film.	
MATERIAL	Polyethylene terephthalate (PET) with a recycled content of up to 80%, depending on the intended use, customer specification and color group.	
MAX. WIDTH	1600 mm (2D application) 1440 mm (Fineflex Structure)	
REVERSE SIDE TREATMENT	Primer	
FILM THICKNESS	0.2 - 0.3 mm (print only up to 200 µm) Metallic-effect film 0.3 mm 0.3 mm (Fineflex Structure)	

PROPERTIES	Examination acc. to:	Requirement:	Level of resistance:
Chemical resistance	DIN 68 861-1	DIN 68930	1C
Scratch resistance	DIN 68 861-4	DIN 68930	4E
Dry heat	DIN 68 861-7	DIN 68930	7D 7E (Fineflex Structure)
Cross cutting test	DIN EN ISO 2409	Classification acc. to DIN EN ISO 2409	Characteristic value 0
Light fastness	DIN EN ISO 15187	Based on DIN 68930	≥ 6, Blue Wool scale
COLOR FASTNESS			ΔE
	White		0.5
	Achromatic colors (e.g. black, grey tones)		0.8
	Intense colors (e.g. red, blue, yellow)		1.0
	Metallic		1.5
GLOSS LEVEL	Surface dependent between 2 and 11 GU		
REEL DIAMETER	Average 300-500 mm*		
FILM LENGTH PER ROLL	200-610 running meters*		
WINDING	Core 76 mm or 152 mm*		
	*Depending on application and film thickness		
PACKAGING	Upright on pallet, max. 4 rolls per pallet. Wrapped with shrinkable film. Protective film on surface possible (optional).		
STORAGE INSTRUCTIONS	Dry storage at room temperature (23 °C, 50 % relative humidity). Do not store goods near heating devices or other heat sources. Do not expose the goods to direct sunlight or UV radiation. Climatic conditioning of the goods is required at least 48 hours before processing in the production environment. Horizontal storage only with side panel elements.		
PROCESSING INFORMATION	It is essential to allow products to rest for 24 hours after processing, as the PET substrate reacts sensitively to external impact.		

This data is only checked on a random basis. Therefore, no data can be guaranteed.



PRODUCT DATA SHEET

For Fineflex 3D thermoforming film, wrapping, and postforming

fineflex **MAT+**
by Fine Decor & Schattdecor

fineflex **MICRO MAT+**
by Fine Decor & Schattdecor

fineflex **METALLIC**
by Fine Decor & Schattdecor

PRODUCT NAME	Fineflex	
PRODUCT STRUCTURE	<p>-----</p> <p>////</p> <p>_____</p>	<p>Laquering</p> <p>PET base film</p> <p>Backside primer</p>
INTENDED USE	Environmentally friendly PET film for use in the furniture industry. Suitable for furniture in areas with increased moisture impact. Ideal as thermoforming film for three-dimensional surfaces and wrapping or postforming. Available for use with a solid color and metallic effect film.	
MATERIAL	Polyethylene terephthalate (PET) with a recycled content of up to 80%, depending on the intended use, customer specification and color group.	
MAX. WIDTH	Standard width is 1400 mm; Maximum width is 1600 mm	
REVERSE SIDE TREATMENT	Primer	
FILM THICKNESS	0.3 - 0.5 mm (3D application) Metallic-effect film 0.3 mm	

PROPERTIES	Examination acc. to:	Requirement:	Level of resistance:
Chemical resistance	DIN 68 861-1	DIN 68930	1C
Scratch resistance	DIN 68 861-4	DIN 68930	4E
Dry heat	DIN 68 861-7	DIN 68930	7D
Cross cutting test	DIN EN ISO 2409	Classification acc. to DIN EN ISO 2409	Characteristic value 0
Light fastness	DIN EN ISO 15187	Based on DIN 68930	≥ 6, Blue Wool scale
COLOR FASTNESS			ΔE
	White		0.5
	Achromatic colors (e.g. black, grey tones)		0.8
	Intense colors (e.g. red, blue, yellow)		1.0
	Metallic		1.5
GLOSS LEVEL	Gloss level 3 for achromatic/intense colors Gloss level 5 for white/bright colors		
REEL DIAMETER	Average 300-500 mm*		
FILM LENGTH PER ROLL	200-610 running meters*		
WINDING	Core 76 mm or 152 mm*		
	*Depending on application and film thickness		
PACKAGING	Upright on pallet, max. 4 rolls per pallet. Wrapped with shrinkable film. Protective film on surface possible (optional).		
STORAGE INSTRUCTIONS	Dry storage at room temperature (23 °C, 50 % relative humidity). Do not store goods near heating devices or other heat sources. Do not expose the goods to direct sunlight or UV radiation. Climatic conditioning of the goods is required at least 48 hours before processing in the production environment. Horizontal storage only with side panel elements.		
PROCESSING INFORMATION	It is essential to allow products to rest for 24 hours after processing, as the PET substrate reacts sensitively to external impact.		

This data is only checked on a random basis. Therefore, no data can be guaranteed.