

**FILMOLUX®  
PROTECTION FILMS**



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# FILMOLUX® PROTECTS AND ENHANCES

Our range of protection films includes a large number of protective and enhancement films. These include everything from protective films for classic photos and inkjet prints right through to specialist films for floor graphics, display panels, and functional films.



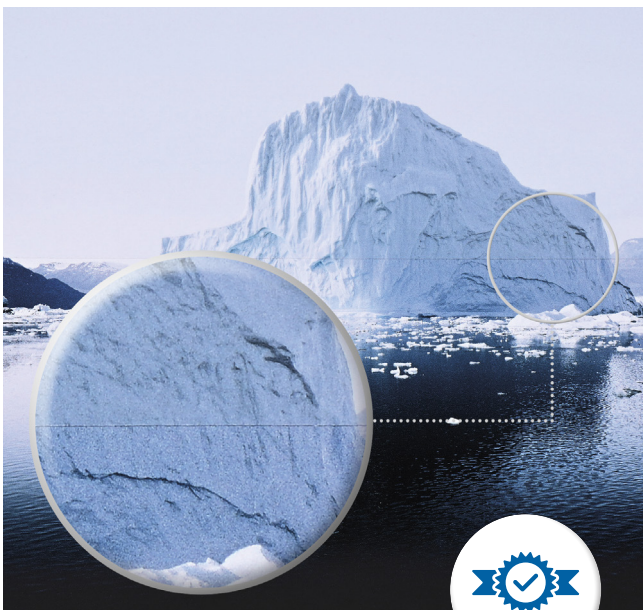
## UV RADIATION

UV-B rays cause inks to fade, resulting in discoloration of all types of media. Protection films with integrated UV protection slow down or prevent this process, thus extending the lifetime of prints many times over.



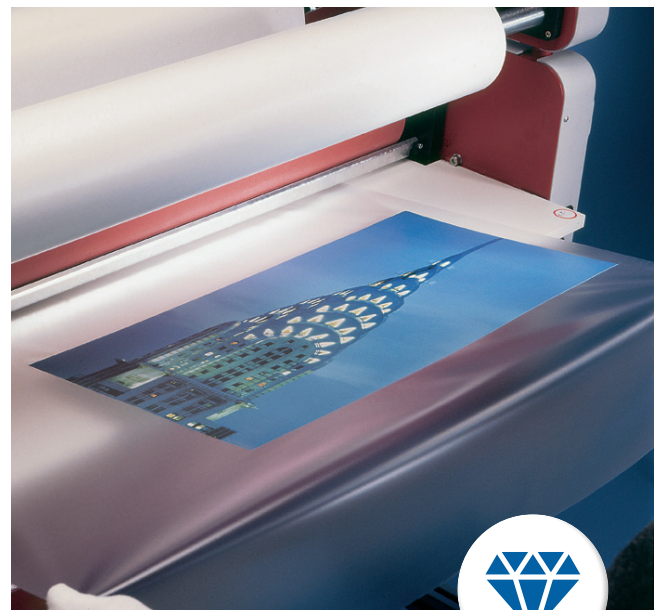
## DAMAGE

Mechanical damage can destroy the surface of prints and reduce their value. Applying a protection film safeguards prints from this type of damage and maintains their value.



## ENHANCEMENT

Glossy, matt, or textured - various surface properties enhance prints and thus lend them a special effect or an individual function.



## VALUE

Prints which are not protected from mechanical or environmental influences will have a limited lifespan. Applying a protective film extends the lifespan of prints and secures their value.

PRODUCT		TECHNICAL DATA					APPLICATIONS									CERTIFICATES				
Texture	Article	Surface	Carrier material	µm	Backing	Max. width (cm)	Indoor	Outdoor	Display (lbanner)	Display (pop-up)	Display (roll-up)	Floor graphics	Photo/print	Wall covering	PVC-free	ISO 22196	M1	B1	Slip resistance	EN 14904 (sport floors)
SMOOTH	filmolux® photo gloss	transparent, glossy	soft-PVC	70	siliconized PE-paper	160	●	●	●	●	●		●							
	filmolux® photo matt	transparent, matt	soft-PVC	70	glassine silicone paper	160	●	●	●	●	●		●							
	filmolux® photo satin	transparent, satin	soft-PVC	75	glassine silicone paper	160	●	●	●	●	●		●				●			
	filmolux® PP gloss	transparent, glossy	PP	80	glassine silicone paper	160	●	●	●	●	●		●		●	●				
	filmolux® performance gloss	transparent, glossy	soft-PVC	80	glassine silicon paper	160	●	●	●	●	●									
	filmolux® performance matt	transparent, matt	soft-PVC	80	glassine silicon paper	160	●	●	●	●	●									
	filmomatt	transparent, matt	soft-PVC	80	glassine silicon paper	130	●	●										●		
	filmolux® easy gloss	transparent, glossy	soft-PVC	70	glassine silicon paper	160	●	●	●	●	●							●		
	filmolux® easy matt	transparent, matt	soft-PVC	70	glassine silicon paper	160	●	●	●	●	●							●		
STRUCTURE	filmolux® easy clear sand	transparent, matt, scratch-resistant	soft-PVC	80	glassine silicon paper	160	●		●	●	●	●					●	●	R9	
	filmolux® FGS	transparent, satin, scratch-resistant	soft-PVC	185	glassine silicone paper	140	●		●	●	●	●					●		R9	●
	filmolux® PP sand	transparent, scratch-resistant	PP	140	glassine silicone paper	160	●		●	●	●	●	●		●		●		R9	
	filmolux® scratch	transparent, scratch-resistant	PET	130	glassine silicone paper	104	●	●	●	●	●	●			●		●		R10	
SPECIAL	filmolux® 2004	transparent, glossy	PP	25	glassine silicone paper	124	●							●	●					
	filmolux® UV ultra gloss	transparent, high-gloss	PET	50	siliconized polyester film	130	●		●	●	●		●		●					
	filmolux® 23	transparent, high-gloss	PET	23	siliconized glassine	124	●	●						●	●					

# FILMOLUX® PROTECTION FILMS



filmolux® easy clear sand



filmolux® scratch

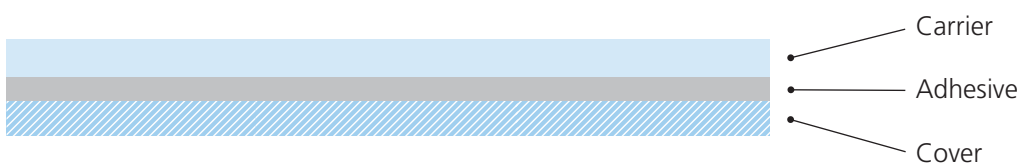


filmolux® FGS

## SIX UNBEATABLE ARGUMENTS

- Protective films enable you to shield prints from mechanical and environmental influences, thus extending their lifespan.
- Different surface properties, glossy, matt or textured, enhance prints and increase their value.
- Designed with water-based, solvent-free, acid-free adhesives.
- The protective films are covered on one side with silicone paper.
- All our protective films are cold laminates and deliver the best results when applied with a laminator. The application of heat (approx. 30 degrees Celsius) favours the result even further.
- Manual application is also an option for smaller formats.

## ONE-SIDED ADHESIVE COATING ON PROTECTIVE FILMS



## LEGEND

- ISO 22196** ISO standard test for antibacterial activity and surface properties
- M1** is the class "non-combustible" for the fire behavior according to the French standard NF P92-501
- B1** is the class "hardly flammable" for the fire behavior according to the German standard DIN 4102
- R9/R10** the R-value is the result of the certified slip resistance, according to the German standard DIN 51130
- EN 14904** is a European standard for the classification of surfaces for sports areas and multi-sports floor systems for indoor use



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